Return

PARTS MANUAL

Castle®
2000 Series
Surgical Lights

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GETINGE Castle

PARTS CATALOG 350181 (11/14/89)
REV. A (10/4/90) General Revision (All Pages)
REV. B (10/26/93) Part Numbers: page 7
REV. C (5/7/97) Logo Change

ORDERING INFORMATION

The replacement parts in this catalog may be ordered from your Getinge/Castle, Inc. Representative or you may call one of the 800 phone numbers listed at the back of the manual.

All parts replaced under warranty shall be returned intact to Getinge/Castle, Inc.

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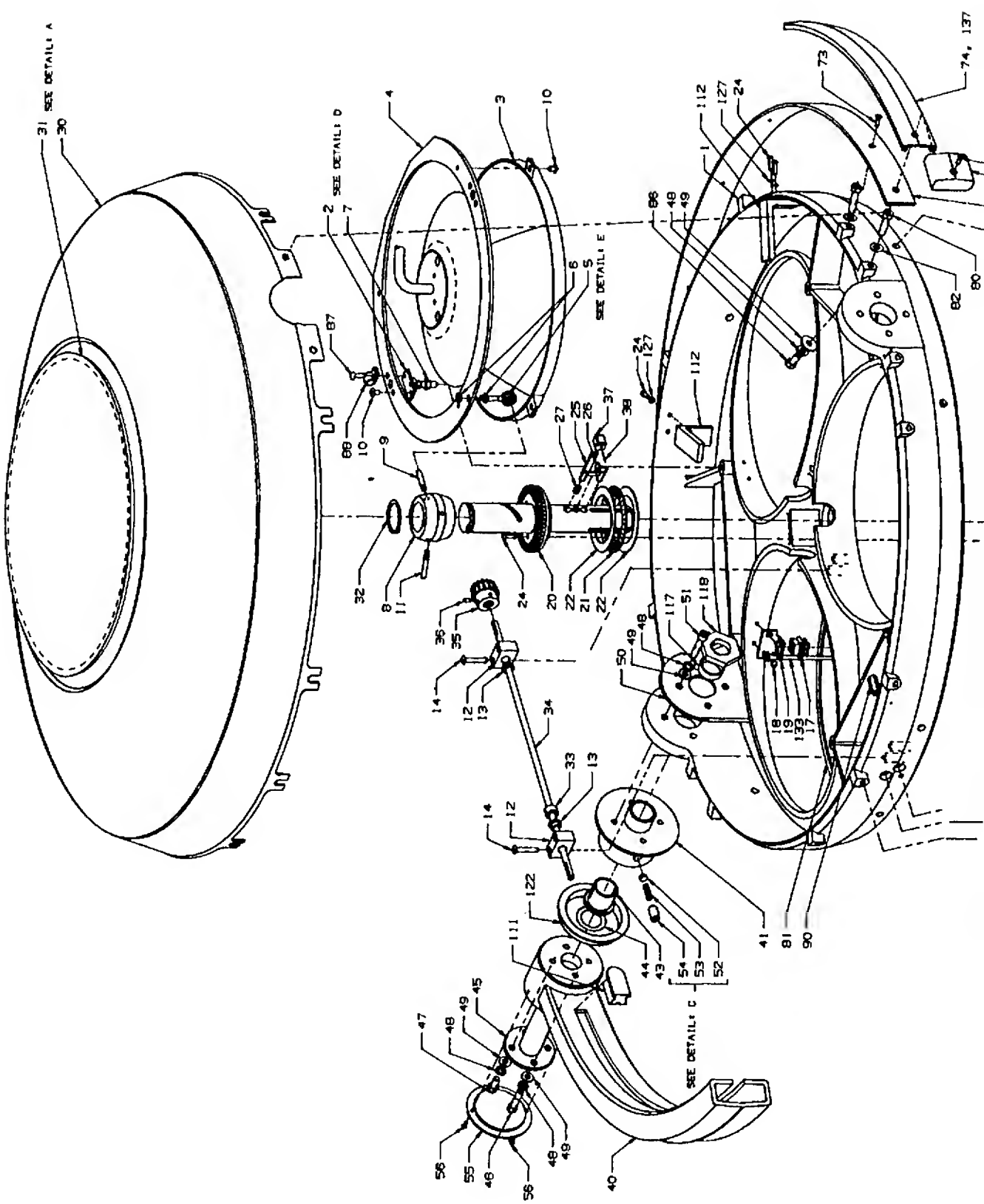

FIGURE 1 - THREE-SOURCE LIGHTHEAD/ARM COMPONENTS

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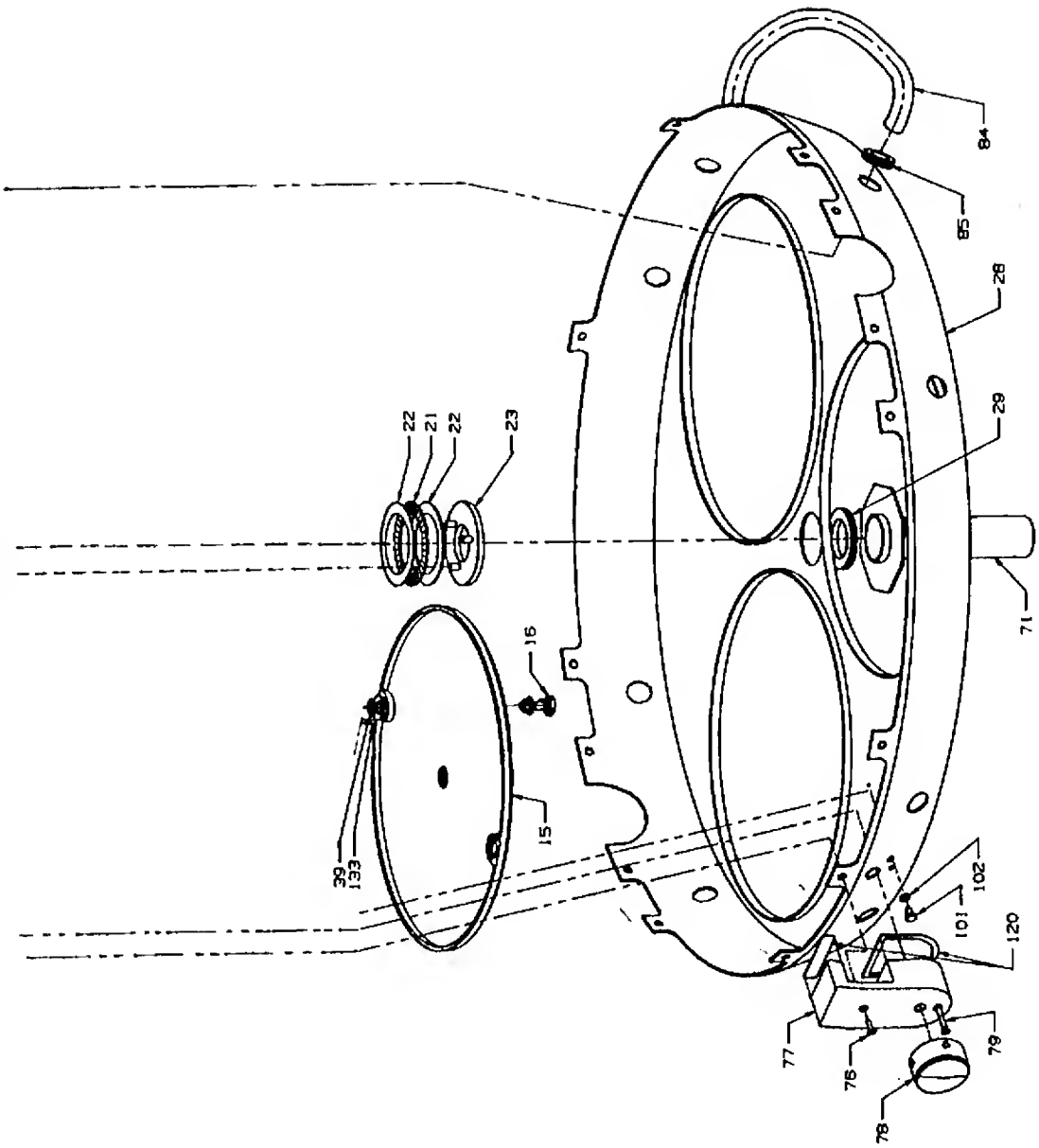

FIGURE 1 - THREE-SOURCE LIGHTHEAD/ARM COMPONENTS

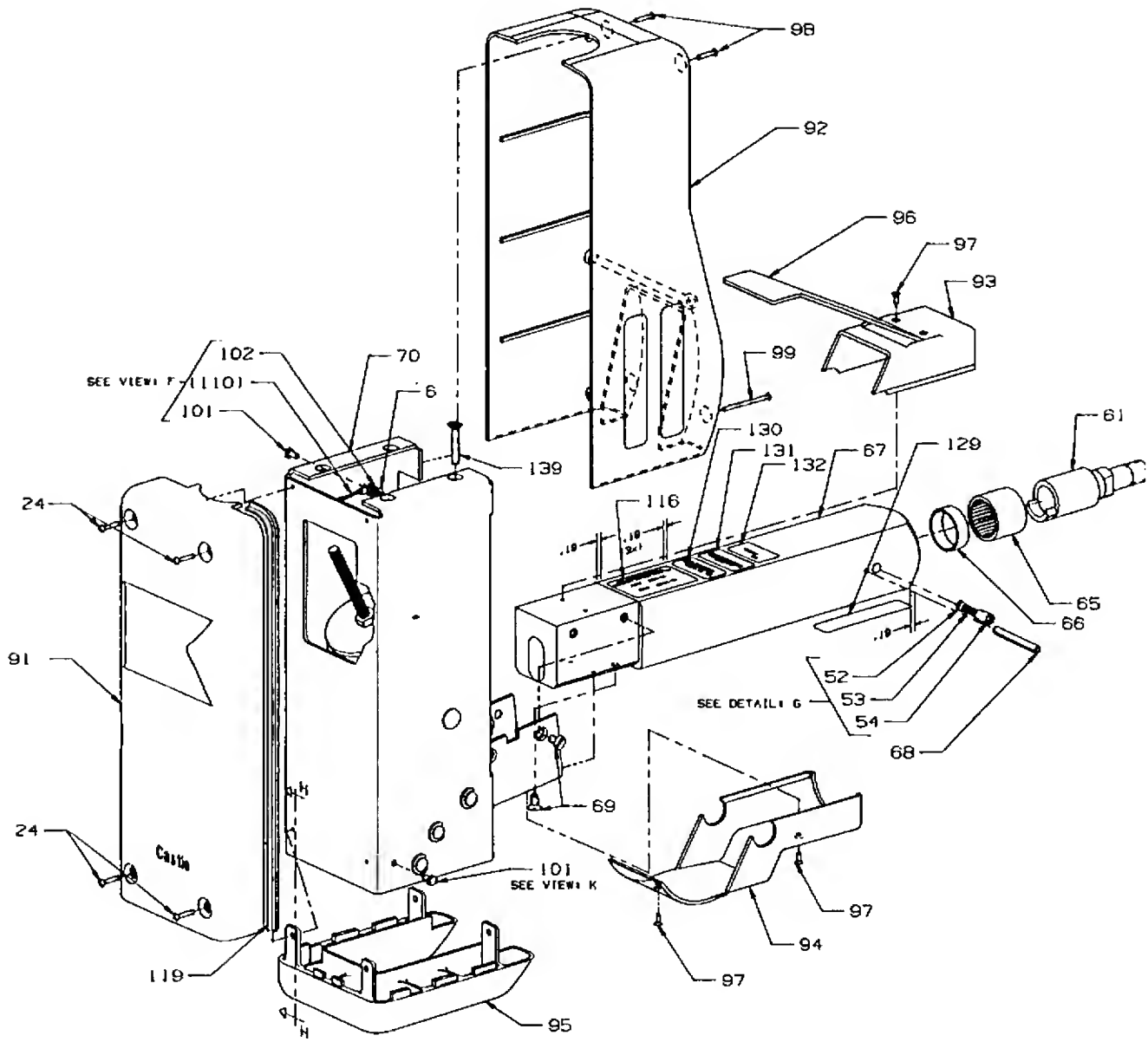

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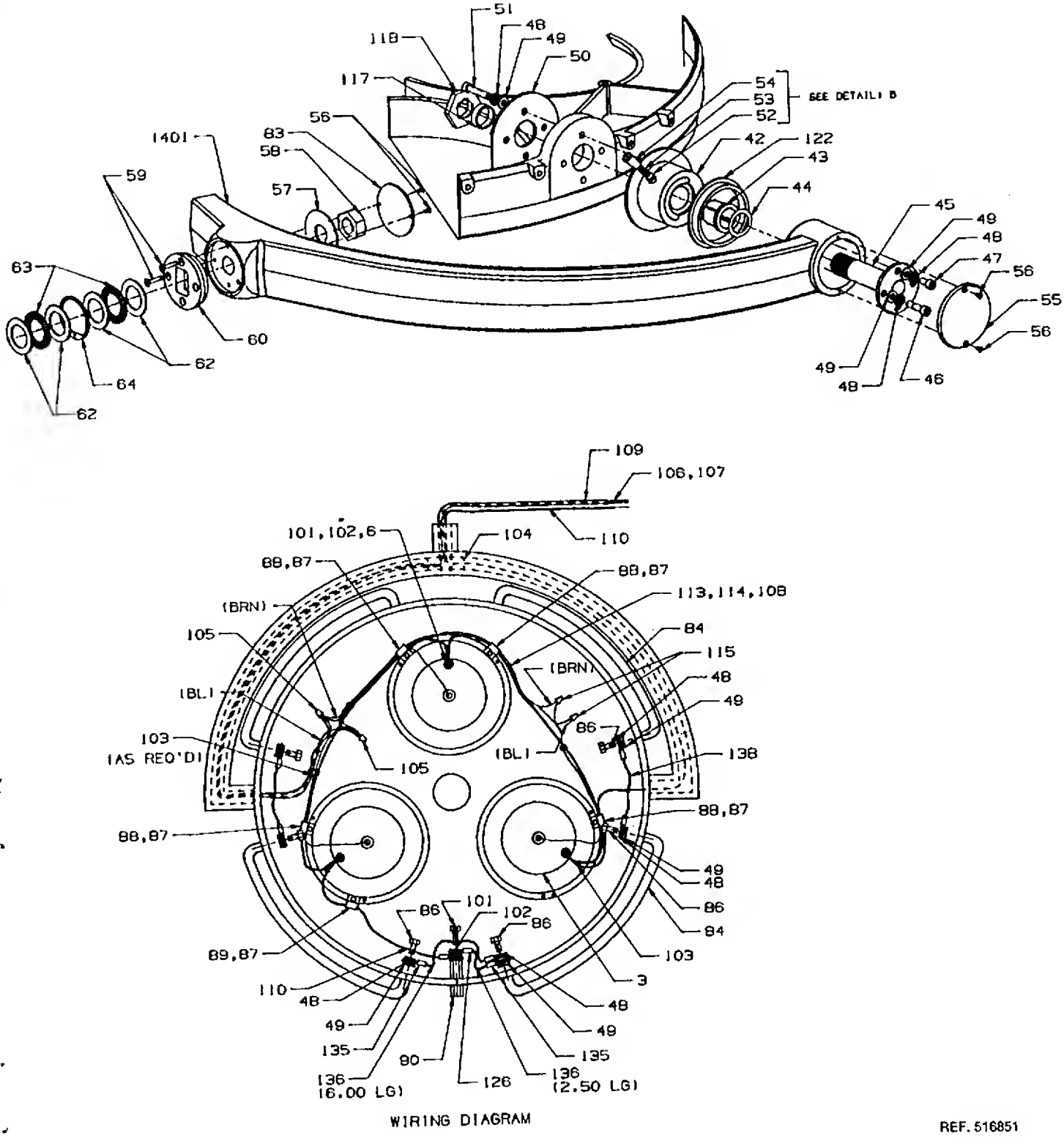
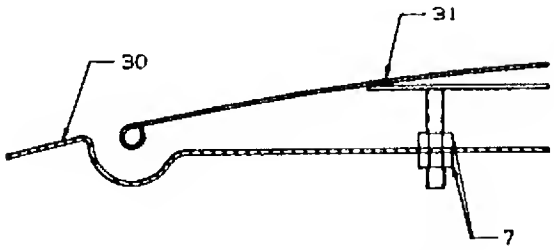
FIGURE 1 - THREE-SOURCE LIGHTHEAD/ARM COMPONENTS



WIRING DIAGRAM

REF. 516851

FIGURE 1 - THREE-SOURCE LIGHTHEAD/ARM COMPONENTS



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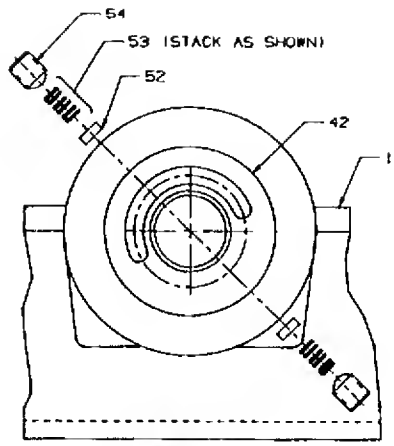

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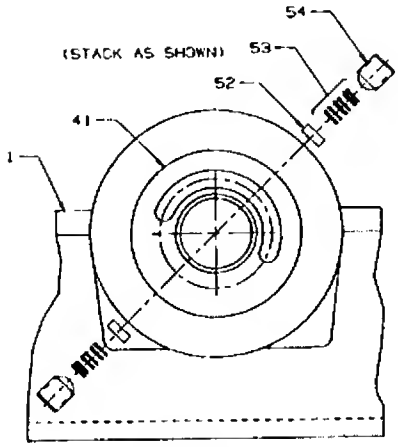

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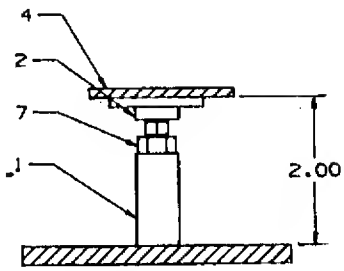

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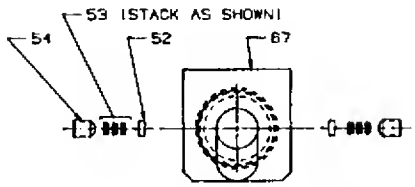

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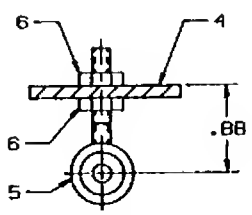

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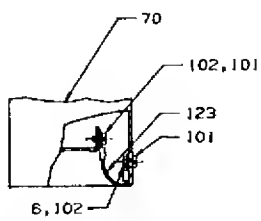

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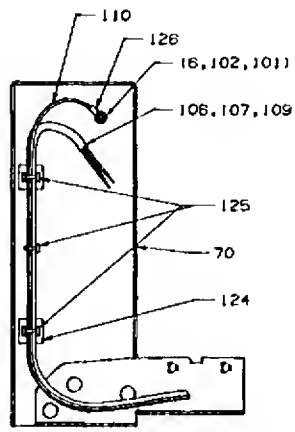

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REF. 516851

Three-Source Lighthead/Arm Components — 516851
Refer to Figure 1

ITEM	PART NO.	DESCRIPTION
1	516779	Platform, 3-Source Lighthead
2	516812	Swivel, Ball
3	516765	Reflector Assembly, 60 Watt • See Figure 3 for listing of parts
4	516797	Ring, Reflector Support
5	516822	Bearing, Rod End
6	E7033	Nut, #10-32 Hex
7	E2239	Nut, 1/4-20 Hex
8	516846	Column, Lifting
9	516845	Pin, Follower
10	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
11	516844	Pin, Drive
12	516897	Block, Shaft
13	516840	Bearing, Flange
14	E7212	Screw, #10-32 x 1 Slotted Pan Head
15	516780	Lens, Diffusion
16	516854	Stud, 1/4 Turn Retaining
17	516855	Receptacle, 1/4 Turn Snap-In
18	E5010	Screw, #6-32 x 1/4 Phillips Pan Head
19	516856	Bracket, Receptacle
20	516890	Post, Sterilizable Handle
21	32737	Bearing, Thrust, 2 ID
22	32738	Race, Thrust Bearing, 2 ID
23	526852	Disc, Clamping
24	E0033	Screw, #6-32 x 5/8 Phillips Pan Head
25	516828	Lever, Sterilizable Handle Release
26	E2084	Screw, 1/4-20 x 3/16 Cup Point Socket Set (Black Oxide)
27	516870	Spring, Compression
28	517068	Housing, 3-Source Lighthead Lower
29	516848	Grommet, Housing
30	517072	Housing, 3-Source Lighthead Upper
31	517080	Cap, 3-Source Lighthead
32	516808	Ring, External Retaining for 1-1/4 dia Shaft
33	516895	Collar, 1/4 Shaft
34	516831	Shaft, Drive
35	516900	Gear, Pinion
36	E7232	Screw, #6-32 x 3/16 Cup Point Socket Set
37	516911	Button, Release
38	E6300	Pin, 1/16 dia x 1/2 long Groove
39	516910	Retainer, Stud
40	517085	Yoke, 3-Source Lighthead
41	517118	Hub, Yoke (Left Side)
42	517121	Hub, Yoke (Right Side)
43	516879	Bearing, Yoke Pivot
44	21552	Washer, Thrust, 7/8 ID x 1-1/4 OD x 7/64 thick

Three-Source Lighthead/Arm Components — 516851
Refer to Figure 1

ITEM	PART NO.	DESCRIPTION
45	516832	Pin, Lighthead Pivot
46	516837	Screw, Stop
47	E5382	Screw, 1/4-28 x 5/8 Hex Socket Head
48	E2045	Washer, 1/4 Internal Tooth Lock
49	E2177	Washer, 1/4 Flat
50	516836	Plate, Support
51	E2076	Screw, 1/4-28 x 1-1/4 Hex Head
52	516886	Plug, Friction
53	516887	Washer, 1/8 ID x 5/16 OD x 1/32 thick Spring
54	E7223	Screw, 3/8-24 x 3/8 Oval Point Socket Set
55	516914	Cap, Yoke Pivot
56	E4932	Screw, #4-40 x 5/32 Phillips Flat Head
57	E7168	Washer, 3/4 Flat
58	E7224	Locknut, 3/4-16
59	E7229	Screw, #8-32 x 7/8 Hex Socket Flat Head
60	516843	Plate, Yoke Positioning (3-Source Lighthead)
61	516906	Pin, Yoke Pivot (3-Source Lighthead)
62	67473	Race, Thrust Bearing
63	26530	Bearing, Thrust, 1 ID x 1-1/2 OD
64	E6903	Ring, Internal Retaining for 1-5/8 dia Shaft
65	67474	Bearing, Needle, 1-3/8 ID
66	516905	Ring, Yoke Swivel Friction
67	516889	Yoke, Arm to Counterbalance Arm (3-Source Lighthead)
68	37045	Pin, Spring, 3/16 x 2
69	E4652	Screw, 1/4-20 x 5/8 Hex Socket Flat Head
70	516788	Counterbalance, 3-Source Lighthead
71	516912	Handle, Sterilizable
72	516954	Band, Trim (3-Source Lighthead)
73	E6862	Screw, #6-32 x 1/4 Phillips Flat Head
74	R3563	Channel, Gray "U" (specify length)
75	516955	Cap, Trim
76	E6230	Screw, #6-32 x 5/8 Phillips Flat Head
77	517028	Cover, Shaft (3-Source Lighthead)
78	516984	Knob, External Focus
79	E7233	Screw, #6-32 x 2 Slotted Flat Head
80	516952	Stud, Spacer
81	R3569	Gasket, Rubber (specify length)
82	517015	Washer, 1/4 Flat
83	516999	Cover, Mounting Yoke
84	516991	Handle, Peripheral (3-Source Lighthead)
85	516993	Grommet, Peripheral Handle
86	E6810	Screw, 1/4-20 x 1/2 Hex Head
87	E7237	Screw, #10-32 x 1/2 Slotted Pan Head
88	51937	Clamp, Cable

Three-Source Lighthead/Arm Components — 516851
Refer to Figure 1

ITEM	PART NO.	DESCRIPTION
89	551480	Clamp, 1/8 dia Cable
90	517045	Standoff, #10-32 Internal Thread x 3/4 long
91	517034	Cover, Rear
92	517037	Cover, Front
93	516944	Cover, Top
94	516946	Cover, Bottom
95	516947	Cap, Bottom Bumper
96	517011	Tab, Hinged
97	E6618	Screw, #6-32 x 3/8 Phillips Flat Head
98	E5017	Screw, #6-32 x 1 Phillips Pan Head
99	E6369	Screw, #6-32 x 2 Phillips Pan Head
101	E6645	Screw, #10-32 x 3/8 Hex Head Ground
102	E2044	Washer, #10 Internal Tooth Lock
103	45572	Tie, Cable
104	03713	Sleeve, Insulator
105	08172	Nut, Wire (Two #14 Min - Two #10 & One #12 Max)
106	R3344	Wire, #12 AWG Stranded, Brown (specify length)
107	R3345	Wire, #12 AWG Stranded, Dark Blue (specify length)
108	R3278	Tubing, Plastic (specify length)
109	R3586	Tubing, Plastic Braided (specify length)
110	517046	Wire Assembly, Ground (3-Source Lighthead)
111	517046	Gasket, Yoke Filler
112	517048	Counterweight, 3-Source Lighthead
113	R3263	Wire, #18 AWG Stranded, Brown (specify length)
114	R3264	Wire, #18 AWG Stranded, Light Blue (specify length)
115	B0105	Nut, Wire (Two #18 Min - Two #16 Max)
116	301696	Plate, Rating
127	517049	Spacer, Yoke Bearing
118	517050	Nut, 7/8-14 Hex (Nylon)
119	R3578	Gasket (specify length)
120	517059	Gasket, Focus Cover (3-Source Lighthead)
122	516792	Grommet, Yoke Hub
123	517058	Strap, Ground
124	44482	Pad, Cable Tie Mounting
125	33511	Tie, Cable
126	B0158	Terminal, #10 Ring (#16 - #14 Wire)
127	E2043	Washer, #6 Internal Tooth Lock
128	46018	Plate, Patent
129	65141	Decal, Danger, Explosion Hazard
130	5116100009	Label, ETL
131	5116100181	Label, ETL-IEC
132	57029	Label, CSA
133	69823	Strip, Lens Retaining (3-1/2 long)

Three-Source Lighthead/Arm Components — 516851
Refer to Figure 1

ITEM	PART NO.	DESCRIPTION
135	B2066	Terminal, 1/4 Ring (#16 - #14 Wire)
136	R3334	Wire, #14 AWG Stranded, Green/Yellow (specify length)
138	517110	Wire, Ground
139	E4730	Screw, 1/4-20 x 1/2 Phillips Flat Head
145	E4751	Screw, 1/4-28 x 1/4 Cup Point Set

NOTES

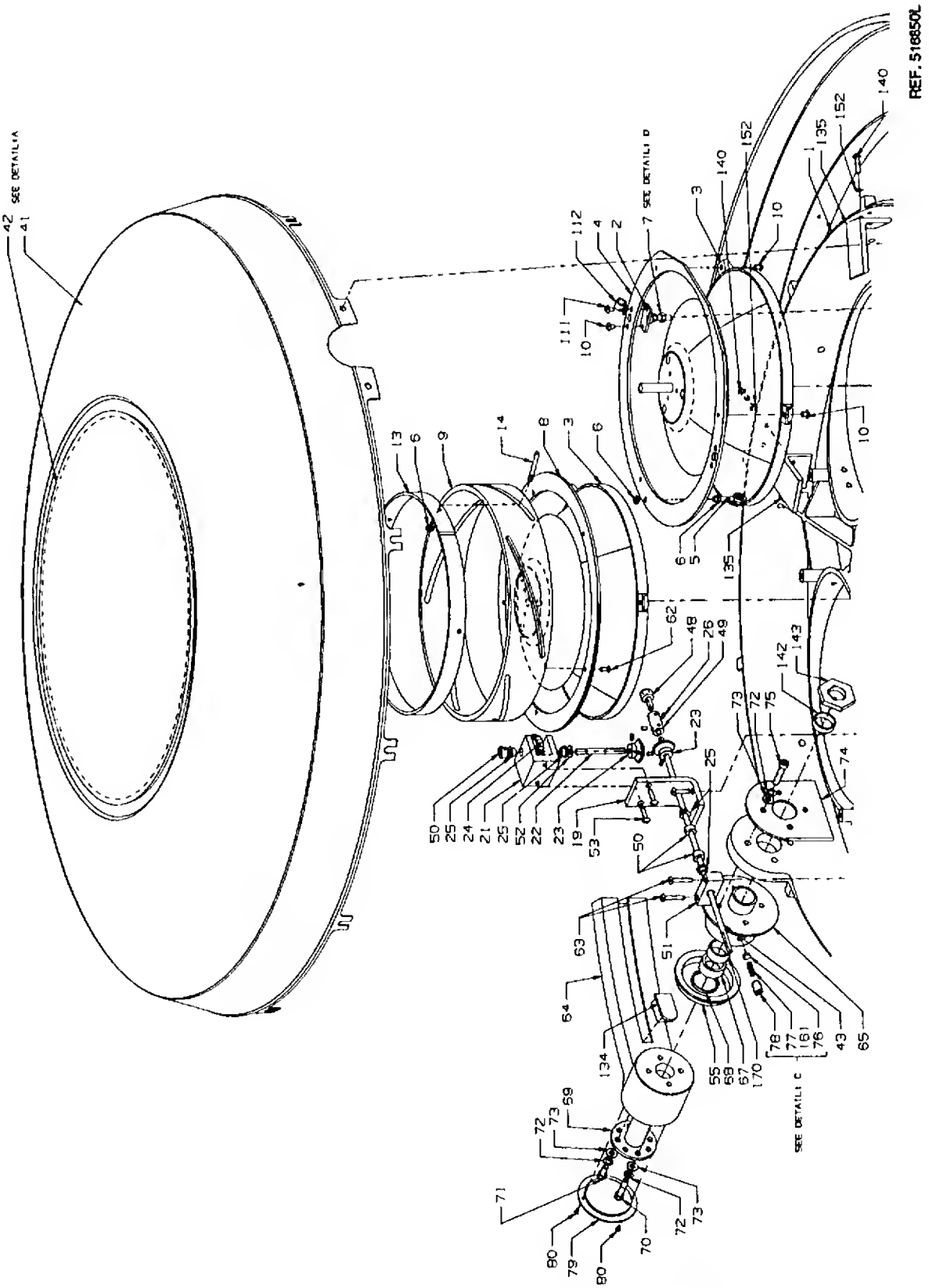
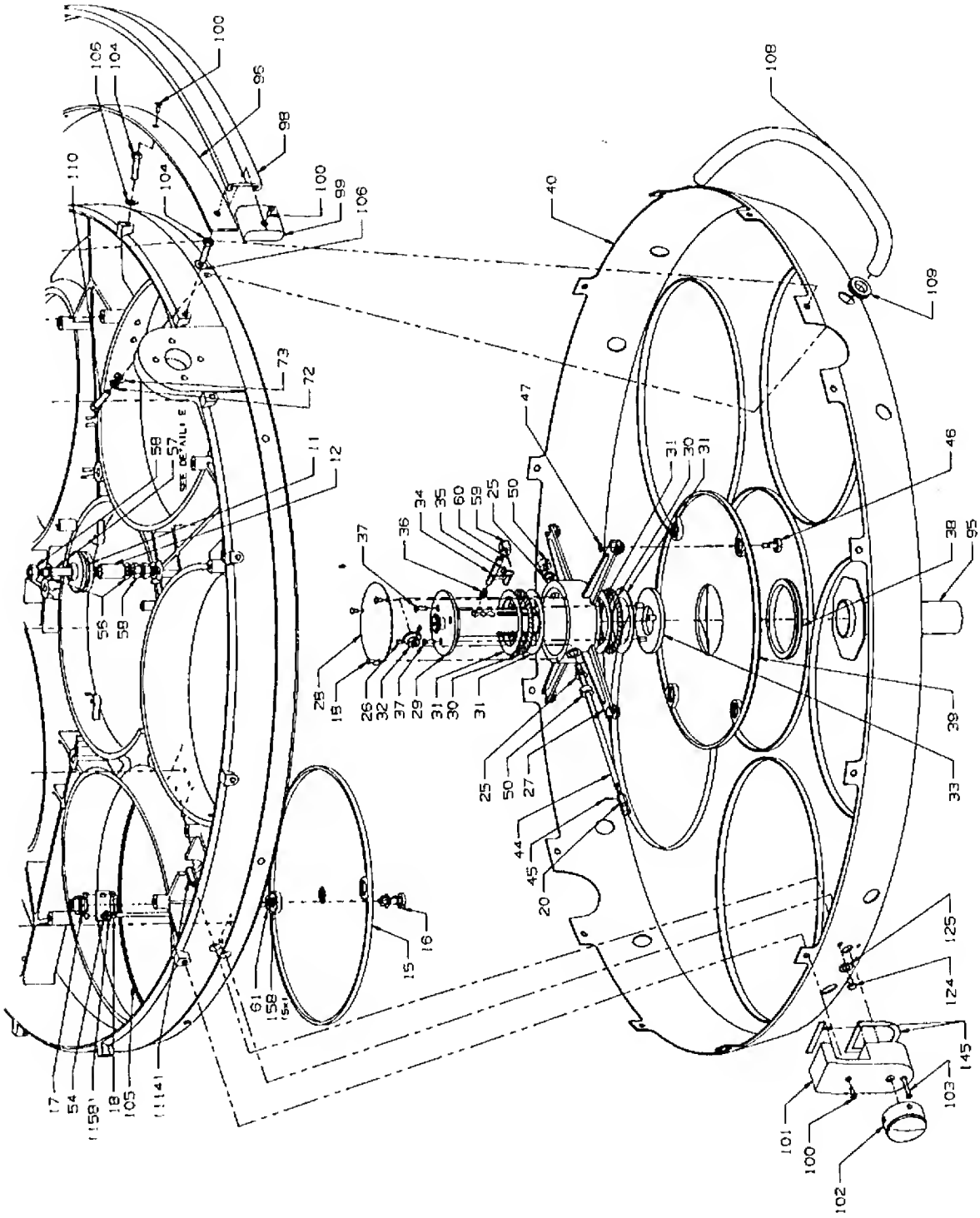


FIGURE 2 - SIX-SOURCE LIGHTHEAD/ARM COMPONENTS



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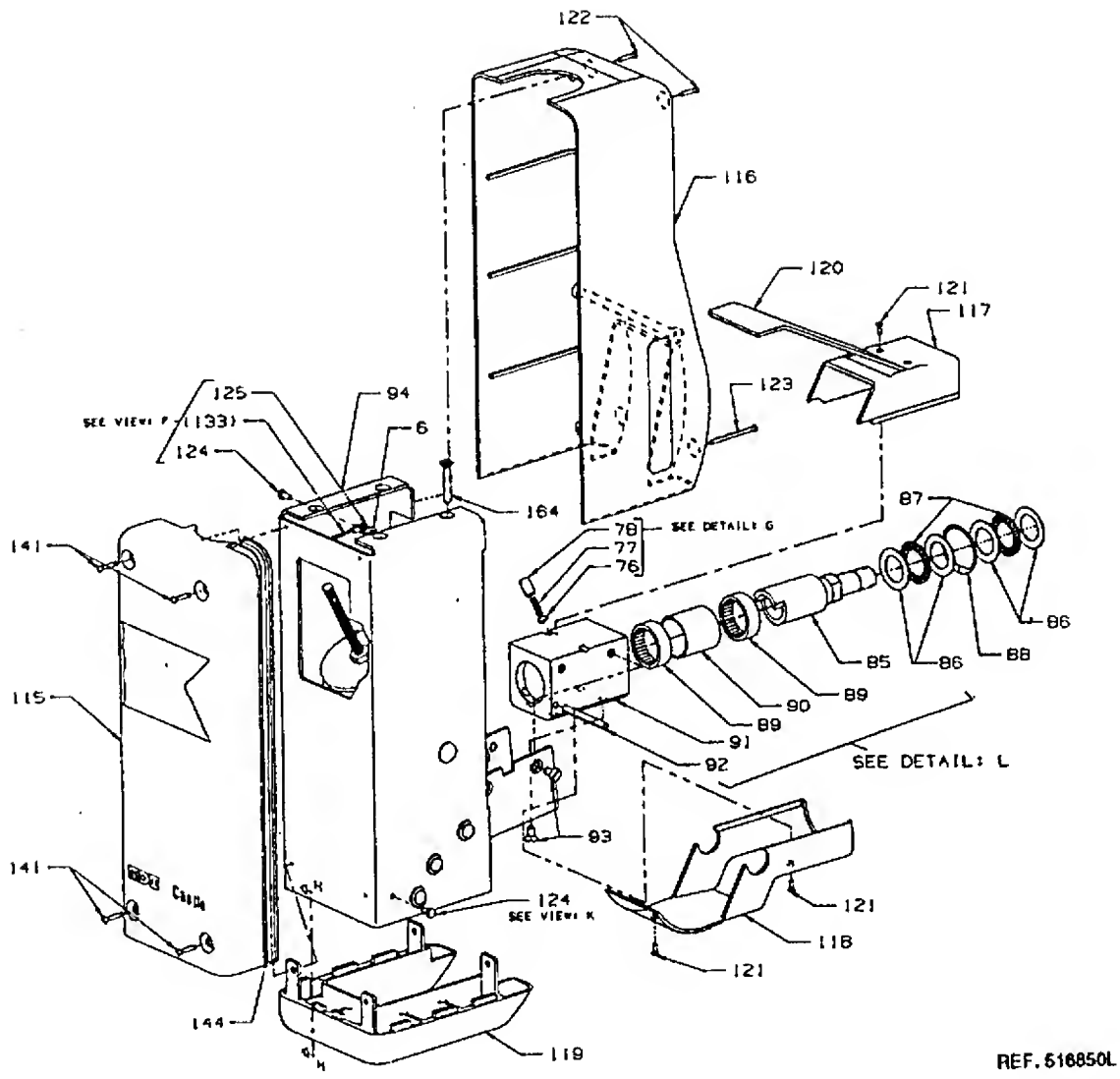

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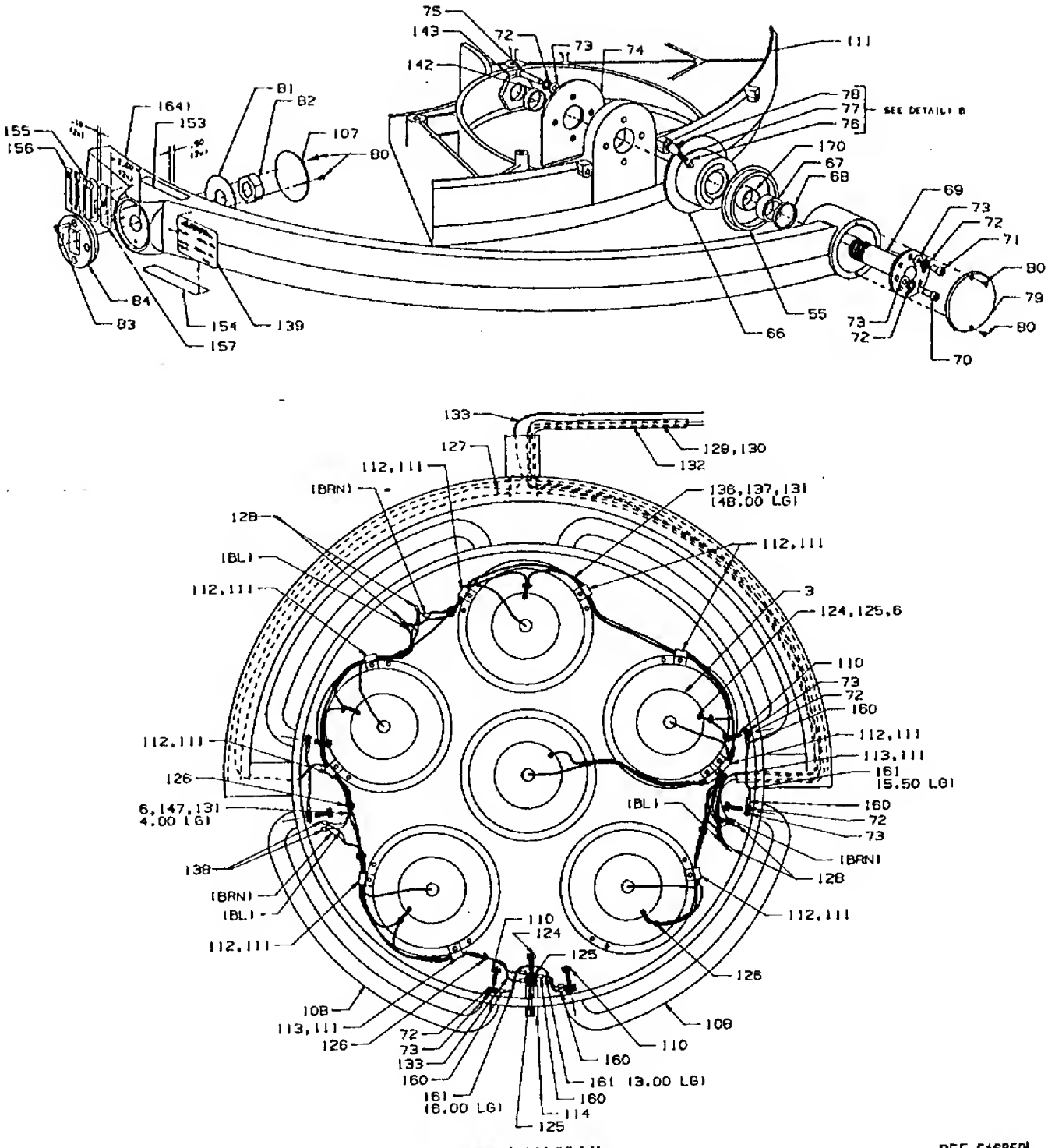
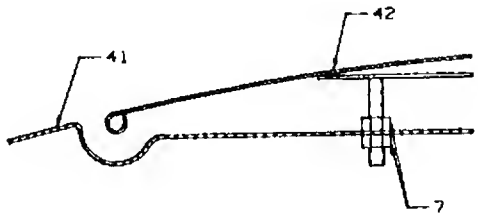


WIRING DIAGRAM

REF. 516850L

FIGURE 2 - SIX-SOURCE LIGHTHEAD/ARM COMPONENTS



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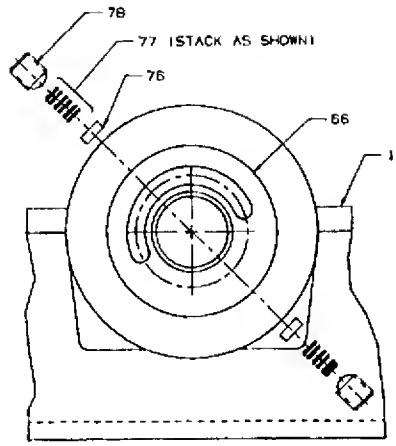

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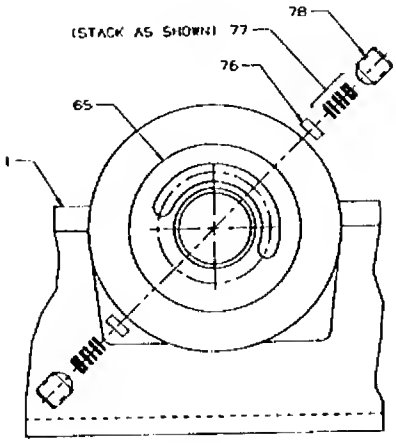

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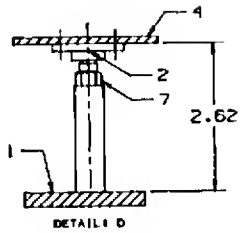

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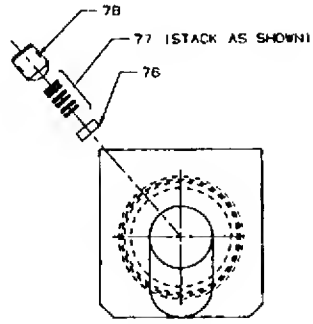

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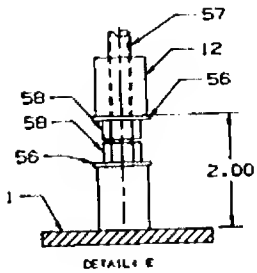

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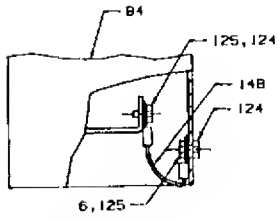

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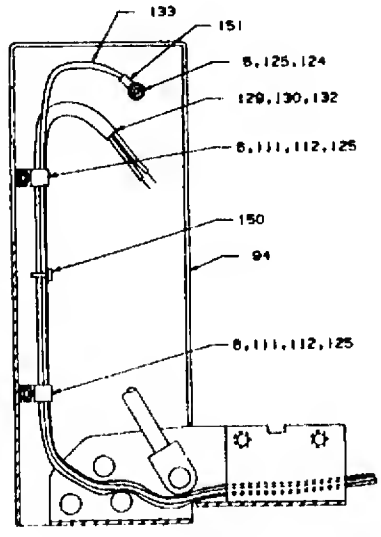

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FIGURE 2 - SIX-SOURCE LIGHTHEAD/ARM COMPONENTS

Six-Source Lighthead/Arm Components — 516850
Refer to Figure 2

ITEM	PART NO.	DESCRIPTION
1	516778	Platform, 6-Source Lighthead
2	516812	Swivel, Ball
3	516765	Reflector Assembly, 60 Watt
		• See Figure 3 for listing of parts
4	516797	Ring Reflector Support
5	516822	Bearing, Rod End
6	E7033	Nut, #10-32 Hex
7	E2239	Nut, 1/4-20 Hex
8	516798	Ring, Drive Cam
9	516799	Cam, Drive
10	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
11	516793	Roller, Guide
12	516794	Spacer, Guide Roller
13	516823	Ring, Guide
14	516824	Pin, Guide
15	516780	Lens, Diffusion
16	516854	Stud, 1/4 Turn Retaining
17	516855	Receptacle, 1/4 Turn Snap-In
18	E5010	Screw, #6-32 x 1/4 Phillips Pan Head
19	516810	Support, Gear
20	516806	Drive, Hex
21	516801	Bracket, Channel
22	516805	Shaft, Drive
23	516839	Gear, Miter
24	516813	Gear, Spur
25	516840	Bearing, Flange
26	E7232	Screw, #6-32 x 3/16 Cup Point Socket Set
27	516820	Support, 6-Source Lighthead
28	516809	Cover, Center Hub
29	517052	Post, 6-Source Lighthead Drive
30	32737	Bearing, Thrust, 2 ID x 2-3/4 OD
31	32738	Race, Thrust, 2 ID x 2-3/4 OD
32	516807	Gear, Miter
33	516852	Disc, Clamping
34	516828	Lever, Release
35	E2084	Screw, 1/4-20 x 3/16 Cup Point Socket Set (Black Oxide)
36	516870	Spring, Compression, 1/4 dia x 5/16 long
37	E7119	Screw, #6-32 x 1/2 Phillips Flat Head
38	516847	Grommet, Lens
39	516853	Lens, Diffusion (Center)
40	517070	Housing, Lower (6-Source Lighthead)
41	517074	Housing, Upper (6-Source Lighthead)
42	517081	Cap, 6-Source Lighthead
43	516790	Shaft, Remote Focus Control
44	516830	Shaft, Drive

Six-Source Lighthead/Arm Components — 516850
Refer to Figure 2

ITEM	PART NO.	DESCRIPTION
45	E6536	Pin, Spring, 1/16 dia x 5/16 long
46	516802	Screw, Lens Retaining
47	516898	Ring, Retaining for 3/16 dia Shaft
48	516804	Receptacle, Hex
49	516894	Coupling, 1/4 dia Shaft
50	516895	Collar, 1/4 dia Shaft
51	516896	Block, Bearing
52	516899	Spacer, 1/4 Disc
53	E7211	Screw. #10-32 x 3/4 Slotted Pan Head
54	516856	Bracket, Snap Receptacle
55	516792	Grommet, Yoke Hub
56	54291	Washer, 7/16 ID x 3/4 OD x 1/32 thick Flat (Teflon)
57	516939	Post, Threaded
58	E5175	Nut, 3/8-16 Hex Jam
59	516911	Button, Release
60	E6300	Pin, Groove, 1/16 dia x 1/2 long
61	516910	Retainer, Solid Stud
62	E0074	Screw, #6-32 x 3/8 Phillips Truss Head
63	E7212	Screw, #10-32 x 1 Slotted Pan Head
64	517083	Yoke, 6-Source Lighthead
65	517118	Hub, Yoke (Left Side)
66	517121	Hub, Yoke (Right Side)
67	517123	Bearing, Needle, 7/8 ID x 1/2
68	517125	Spacer, Yoke Hub
69	516832	Pin, Lighthead Pivot
70	516837	Screw, Stop
71	E5382	Screw, 1/4-28 x 5/8 Hex Socket Head
72	E2045	Washer, 1/4 Internal Tooth Lock
73	E2177	Washer, 1/4 Flat
74	516836	Plate, Support
75	E2076	Screw, 1/4-28 x 1-1/4 Hex Head
76	516886	Plug, Friction
77	516687	Spring, Counterbalance Disc
78	E7223	Screw, 3/8-24 x 3/8 Oval Point Socket Set
79	516914	Cap, Pivot Yoke
80	E4932	Screw, #4-40 x 5/16 Phillips Flat Head
81	E7168	Washer, 3/4 Flat
82	E7224	Nut, 3/4-16 Lock
83	E7229	Screw, #8-32 x 7/8 Hex Socket Flat Head
84	516909	Plate, Yoke Positioning (6-Source Lighthead)
85	516842	Pin, Yoke Pivot (6-Source Lighthead)
86	67473	Race, Thrust Bearing
87	26530	Bearing, Thrust, 1 ID x 1-1/2 OD
88	E6903	Ringer, Internal Retaining for 1-5/8 dia Shaft

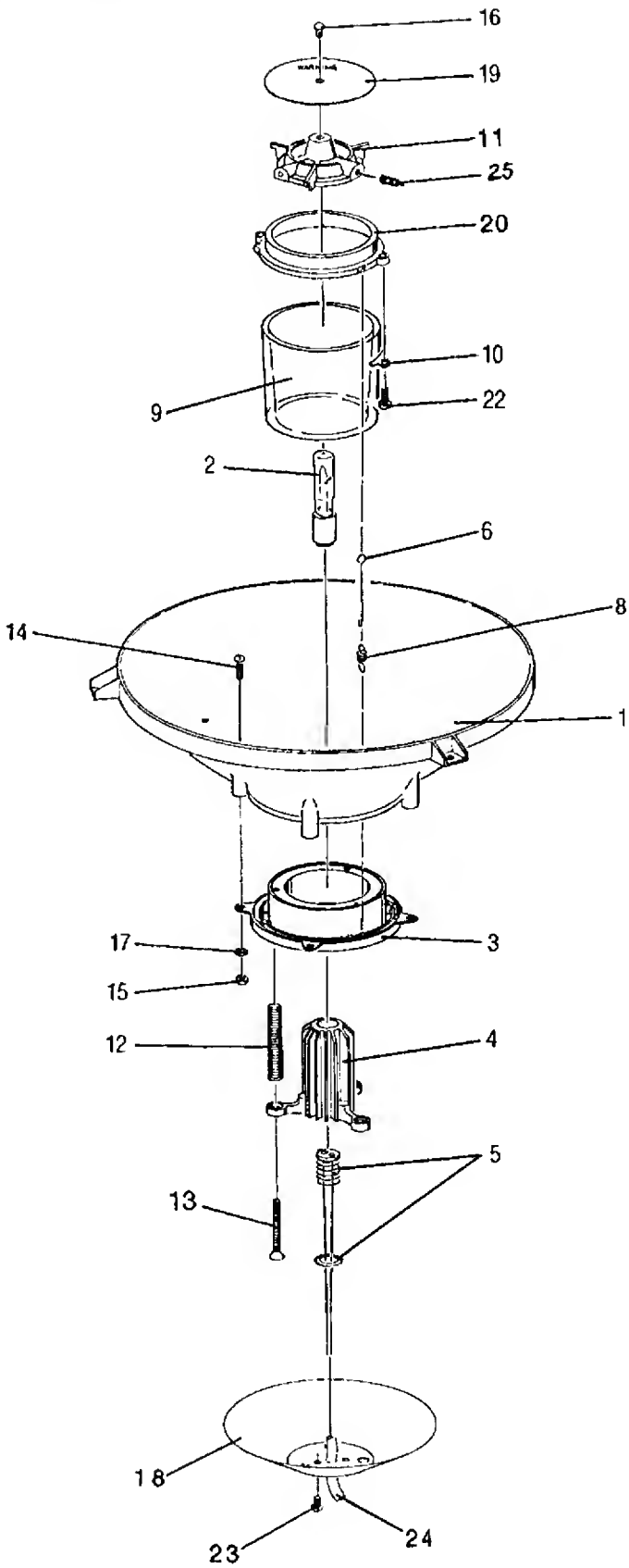
Six-Source Lighthead/Arm Components — 516850
Refer to Figure 2

ITEM	PART NO.	DESCRIPTION
89	517115	Bearing, Needle, 1-3/8 ID x 1-5/8 OD x 1/4
90	517114	Bearing, Sleeve, 1-3/8 ID x 1-9/16 x 1-1/2
91	516885	Block, Counterbalance to Yoke Pivot
92	E2184	Pin, Spring, 1/4 dia x 2-1/4 long
93	E4652	Screw, 1/4-20 x 5/8 Hex Socket Flat Head
94	516787	Counterbalance, 6-Source Lighthead
95	516912	Handle, Sterilizable
96	516953	Band, Trim (6-Source Lighthead)
97	E6862	Screw, #6-32 x 1/4 Phillips Flat Head
98	R6896	Channel, "U" (specify length)
99	516955	Cap, Trim
100	E6230	Screw, #6-32 x 5/8 Phillips Flat Head
101	517029	Cover, Shaft (6-Source Lighthead)
102	516984	Knob, External Focus
103	E7233	Screw, #6-32 x 2 Slotted Flat Head
104	516952	Stud, Spacer
105	R3569	Gasket, Rubber (specify length)
106	517016	Washer, 1/4 ID x 5/8 OD x 5/32 thick Flat
107	516999	Cover, Yoke Mounting
108	516990	Handle, Peripheral (6-Source Lighthead)
109	516993	Grommet, Peripheral Handle
110	E6810	Screw, 1/4-20 x 1/2 Hex Head
111	E7237	Screw, #10-32 x 1/2 Slotted Pan Head
112	10420	Clamp, Plastic
113	51937	Clamp, Cable
114	517045	Standoff, #10-32 Thread x 3/4 long
115	517034	Cover, Rear
116	517036	Cover, Front
117	516943	Cover, Top
118	516945	Cover, Bottom
119	516947	Cap, Bottom Bumper
120	517011	Tab, Hinged
121	E6618	Screw, #6-32 x 3/8 Phillips Flat Head
122	E5017	Screw, #6-32 x 1 Phillips Pan Head
123	E6369	Screw, #6-32 x 2 Phillips Pan Head
124	E6645	Screw, #10-32 x 3/8 Hex Head Ground
125	E2044	Washer, #10 Internal Tooth Lock
126	45572	Tie, Cable
127	03713	Sleeve, Insulator
128	08172	Nut, Wire (Two #14 Min - Two #10 & One #12 Max)
129	R3344	Wire, #12 AWG Stranded, Brown (specify length)
130	R3345	Wire, #12 AWG Stranded, Dark Blue (specify length)
131	R3278	Tubing, #4 Sleeving (specify length)
132	R3586	Tubing, Braided (specify length)

Six-Source Lighthead/Arm Components — 516850
Refer to Figure 2

ITEM	PART NO.	DESCRIPTION
133	517047	Wire Assembly, Ground (6-Source Lighthead)
134	516988	Gasket, Yoke Filler
135	517044	Counterweight, 6-Source Lighthead
136	R3332	Wire, #14 AWG Stranded, Brown (specify length)
137	R3333	Wire, #14 AWG Stranded, Dark Blue (specify length)
138	B0105	Nut, Wire (Two #18 Min - Two #16 Max)
139	301696	Plate, Rating
140	E6596	Screw, #10-32 x 3/4 Phillips Pan Head
141	E5015	Screw, #6-32 x 1/2 Phillips Pan Head
142	517049	Spacer, Yoke Bearing
143	517050	Nut, 7/8-16 Hex (Nylon)
144	517127	Gasket, Counterbalance
145	517051	Gasket, Focus Cover (6-Source Lighthead)
146	R3263	Wire, #18 AWG Stranded, Brown (specify length)
147	R3264	Wire, #18 AWG Stranded, Light Blue (specify length)
148	517058	Strap, Ground
149	44482	Pad, Cable Tie Mounting
150	33511	Tie, Cable
151	B0156	Terminal, #10 Ring (#16 - #14 Wire)
152	E7035	Washer, #10 Helical Spring Lock
153	46018	Plate, Patent
154	65141	Decal, Danger, Explosion Hazard
155	5116100009	Label, ETL
156	5116100181	Label, ETL-IEC
157	57029	Label, CSA
158	69823	Strip, Lens Retaining (3-1/2 long)
160	B2066	Terminal, 1/4 Ring (#16 - #14 Wire)
161	R3334	Wire, #14 AWG Stranded, Green/Yellow (specify length)
163	517110	Wire, Ground
164	E4652	Screw, 1/4-20 x 5/8 Flat Head
170	517124	Bearing, Sleeve, 7/8 ID x 1 OD x 1/2

NOTES



REF. 516765C

FIGURE 3 - REFLECTOR ASSEMBLY

Reflector Assembly — 516765
Refer to Figure 3

ITEM	PART NO.	DESCRIPTION
1	516766	Reflector, Surgical Light
2	516767	Bulb, Tungsten Halogen (24V - 60W)
3	65004	Heat Sink, Reflector Mounting
4	65003	Heat Sink, Bulb Socket
5	67501	Bulb Socket Package
6	65032	Hook, Baffle Retaining
8	65064	Spring, Extension, 1/4 dia x 5/8 long
9	516768	Cylinder, Glass Heat Filter
10	65065	Clip, Glass Heat Filter Retaining
11	516770	Baffle, Glass Heat Filter Bottom
12	65062	Spring, Compression, 23/64 dia x 2 long
13	E6567	Screw, #10-32 x 1-1/2 Phillips Flat Head
14	E5015	Screw, #6-32 x 1/2 Phillips Pan Head
15	E5180	Nut, #6-32 Hex
16	E2194	Screw, #6-32 x 1/4 Self-Tapping Phillips Pan Head (Chrome)
17	E4788	Washer, #6 Helical Spring Lock
18	67427	Disc, Heat Dissipation
19	516771	Disc, Baffle, 24V-60W Bulb
20	516769	Ring, Heat Cylinder Bottom
22	E2169	Screw, #6-32 x 3/8 Self-Tapping Phillips Pan Head
23	E0069	Screw, #8-32 x 1/4 Phillips Pan Head
24	R3278	Tubing, #4 Plastic (specify length)
25	517088	Plunger, Ball

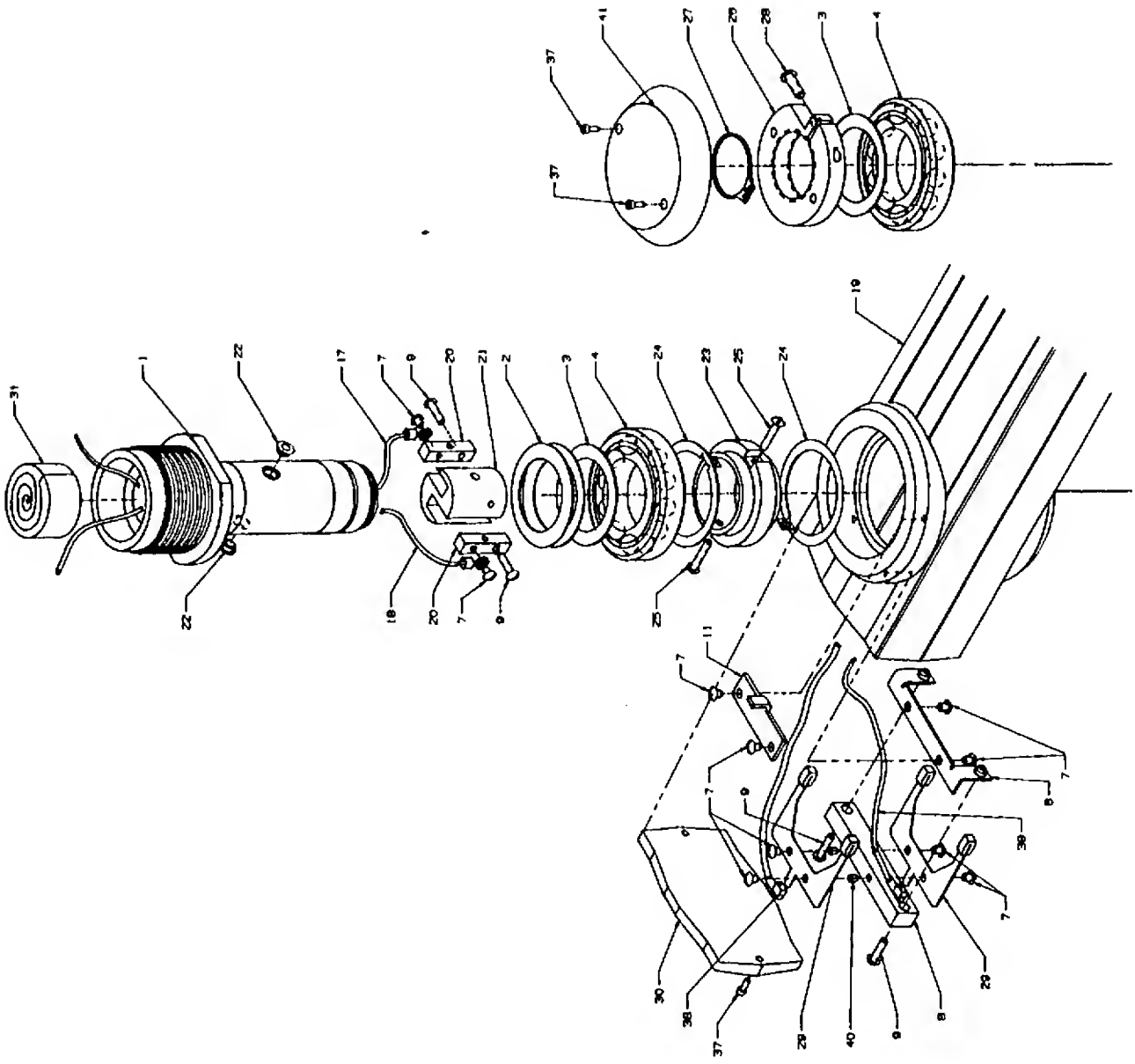


FIGURE 4a - SINGLE EXTENSION ARM ASSEMBLY (29-1/2)

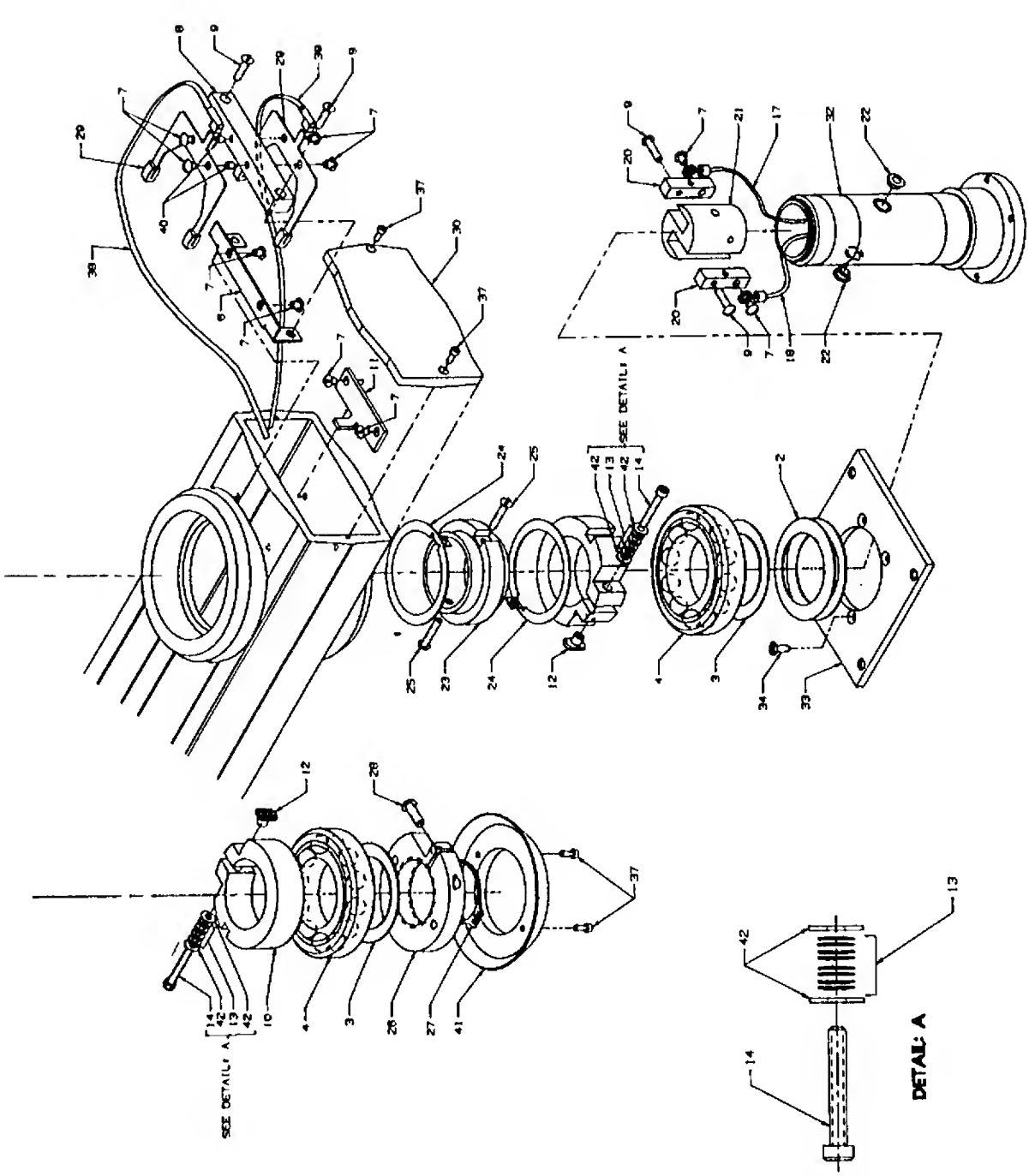


FIGURE 4a - SINGLE EXTENSION ARM ASSEMBLY (29-1/2)

Single Extension Arm Assembly (29-1/2) - 516861
Refer to Figure 4a

ITEM	PART NO.	DESCRIPTION
1	516859	Post, Extension Arm
2	516863	Spring, Disc
3	32738	Race, Thrust Bearing, 2 ID
4	516789	Bearing, Radial Ball
6	516869	Bracket, Support
7	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
8	516752	Support, Finger Contact
9	E7211	Screw, #10-32 x 3/4 Slotted Pan Head
10	516761	Collar, Brake
11	516758	Bracket, Brake Collar
12	516865	Nut, Weld
13	516795	Spring, Disc
14	E7240	Screw, #10-32 x 1-1/4 Hex Socket Head
17	516871	Wire Assembly, Blue
18	516872	Wire Assembly, Brown
19	516867	Arm, Extension (29-1/2 long)
20	516756	Contactor, Terminal
21	516757	Insulator, Post
22	516753	Sleeving, Insulating
23	516755	Insulator, Contact
24	516754	Ring, Contact
25	E7212	Screw, #10-32 x 1 Slotted Pan Head
26	516759	Collar, Locking
27	516864	Ring, Retaining for 1-3/4 dia Shaft
28	E4656	Screw, 1/4-20 x 3/4 Hex Socket Button Head
29	516819	Contact, Finger
30	516849	Bumper, Arm
31	R00147	Insulation, 1 x 48 Fiberglass (specify length)
32	516815	Post, Counterbalance Support
33	516816	Support, Plate Counterbalance
34	E4636	Screw, #10-32 x 1/2 Phillips Flat Head
37	E6329	Screw, #8-32 x 3/8 Hex Socket Button Head
38	516875	Wire Assembly, Arm, Blue
39	516874	Wire Assembly, Arm, Brown
40	E7216	Screw, #10-32 x 1/4 Slotted Set
41	516884	Cap, Trim
42	E7101	Washer, #10 Flat
43	517060	Wrench, Field Installation

* Arms are measured from center to center of rotation

NOTES

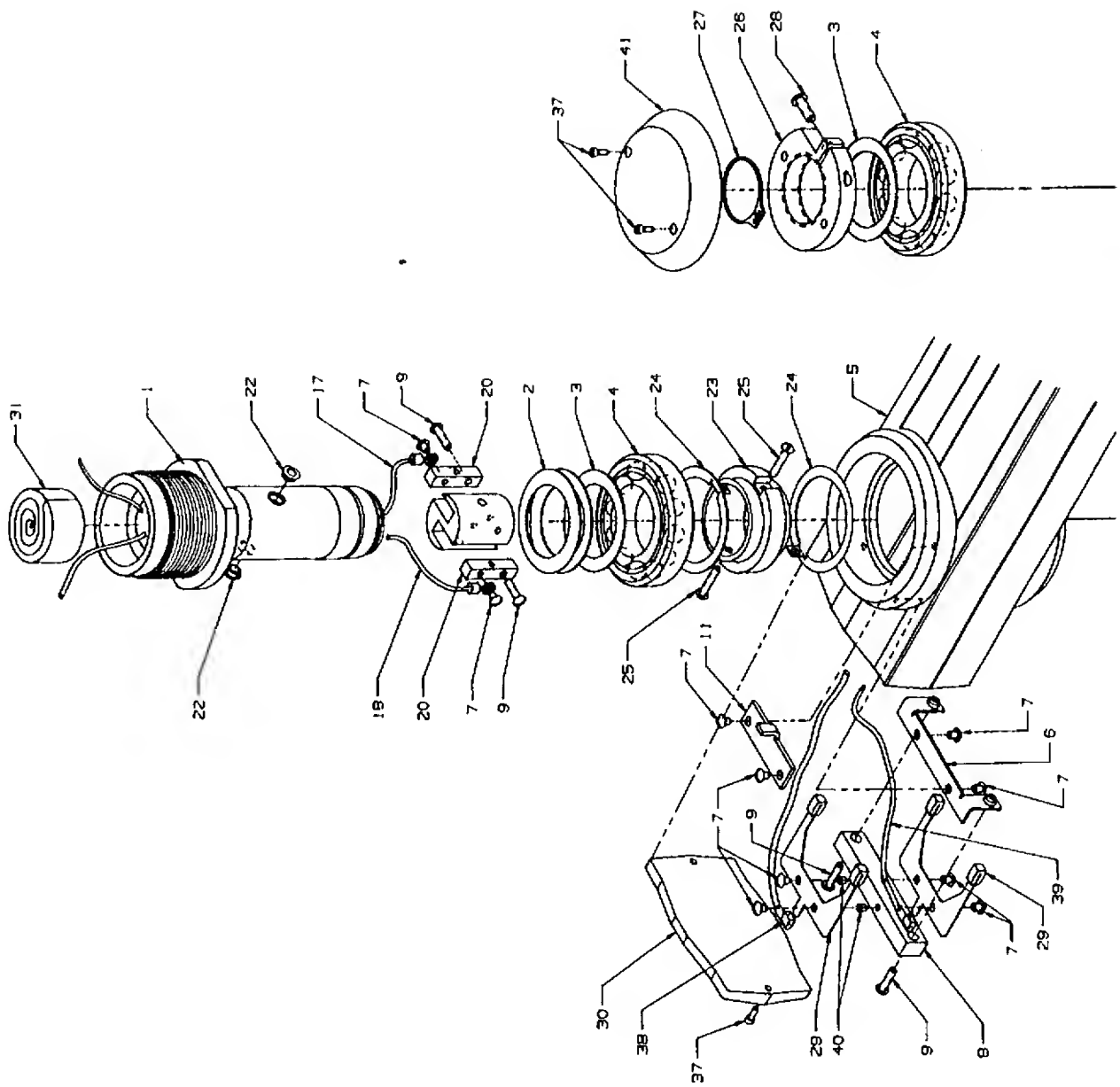


FIGURE 4b - SINGLE EXTENSION ARM ASSEMBLY (37-1/2)

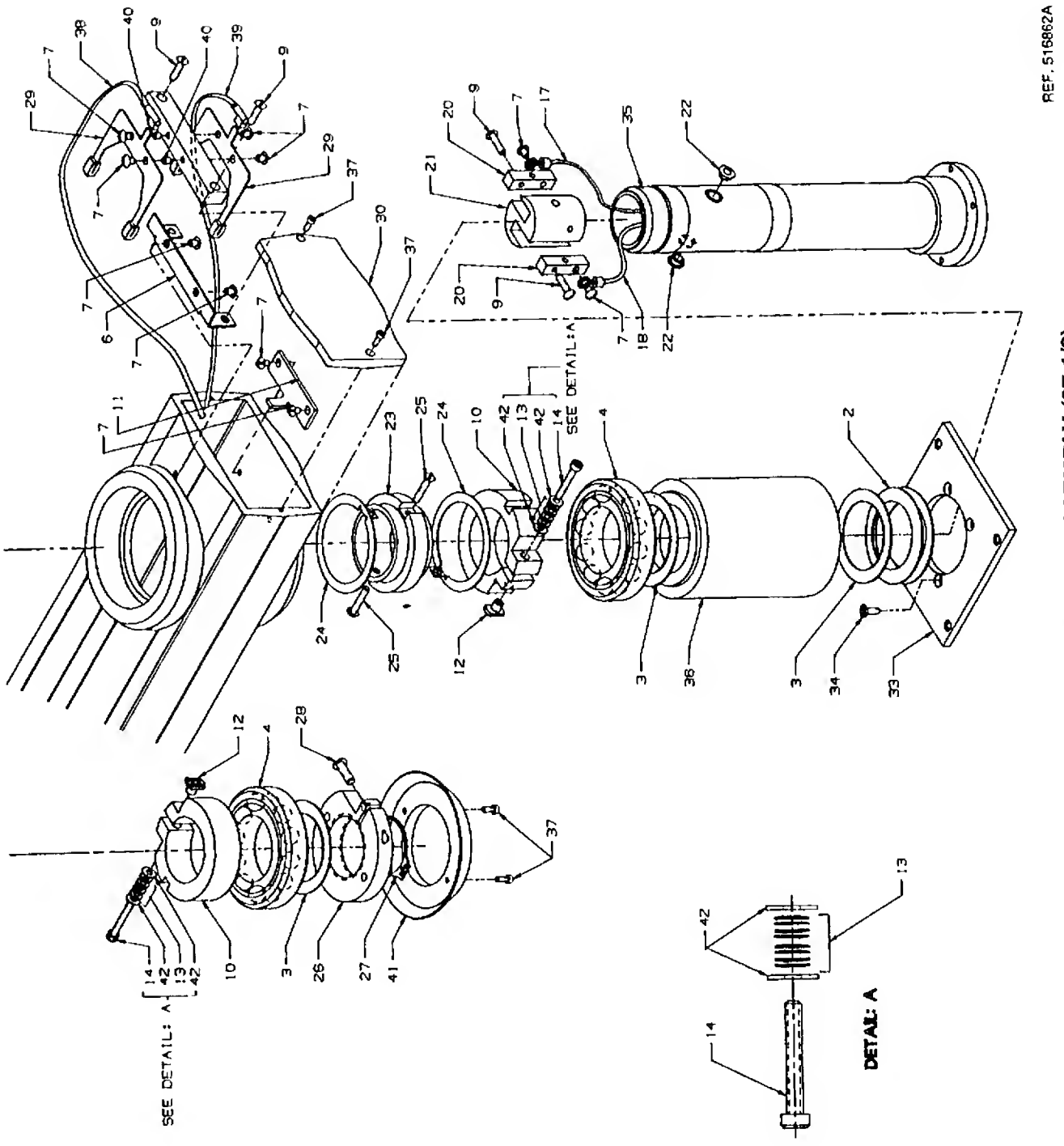


FIGURE 4b - SINGLE EXTENSION ARM ASSEMBLY (37-1/2)

Single Extension Arm Assembly (37-1/2) — 516862
Refer to Figure 4b

ITEM	PART NO.	DESCRIPTION
1	516859	Post, Extension Arm
2	516863	Spring, Disc
3	32738	Race, Thrust Bearing, 2 ID
4	516789	Bearing, Radial Ball
5	516868	Arm, Extension (37-1/2 long)
6	516869	Bracket, Support
7	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
8	516752	Support, Finger Contact
9	E7211	Screw, #10-32 x 3/4 Slotted Pan Head
10	516761	Collar, Brake
11	516758	Bracket, Brake Collar
12	516865	Nut, Weld
13	516795	Spring, Disc
14	E7240	Screw, #10-32 x 1-1/4 Hex Socket Head
17	516871	Wire Assembly, Blue
18	516872	Wire Assembly, Brown
20	516756	Contactor, Terminal
21	516757	Insulator, Post
22	516753	Sleeving, Insulating
23	516755	Insulator, Contact
24	516754	Ring, Contact
25	E7212	Screw, #10-32 x 1 Slotted Pan Head
26	516759	Collar, Locking
27	516864	Ring, Retaining for 1-3/4 dia Shaft
28	E4656	Screw, 1/4-20 x 3/4 Hex Socket Button Head
29	516819	Contact, Finger
30	516849	Bumper, Arm
31	R0047	Insulation, 1 x 48 Fiberglass (specify length)
33	516816	Support, Plate Counterbalance
34	E4636	Screw, #10-32 x 1/2 Phillips Flat Head
35	516817	Post, Counterbalance (3-Source Lighthead)
36	516818	Spacer, Counterbalance Post
37	E6329	Screw, #8-32 x 3/8 Hex Socket Button Head
38	516875	Wire Assembly, Arm, Blue
39	516874	Wire Assembly, Arm, Brown
40	E7216	Screw, #10-32 x 1/4 Slotted Set
41	516884	Cap, Trim
42	E7101	Washer, #10 Flat
43	517060	Wrench, Field Installation

* Arms are measured from center to center of rotation

NOTES

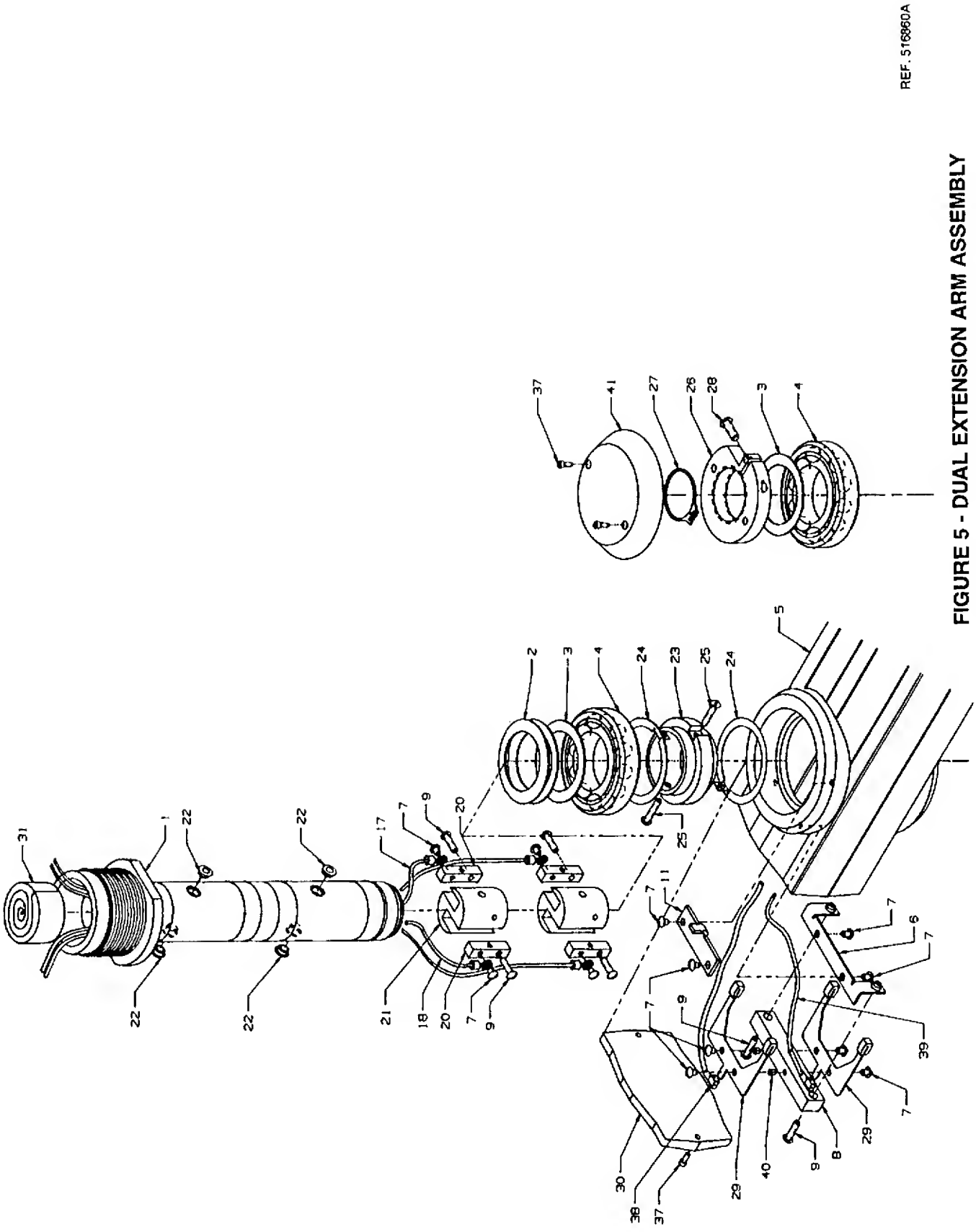


FIGURE 5 - DUAL EXTENSION ARM ASSEMBLY

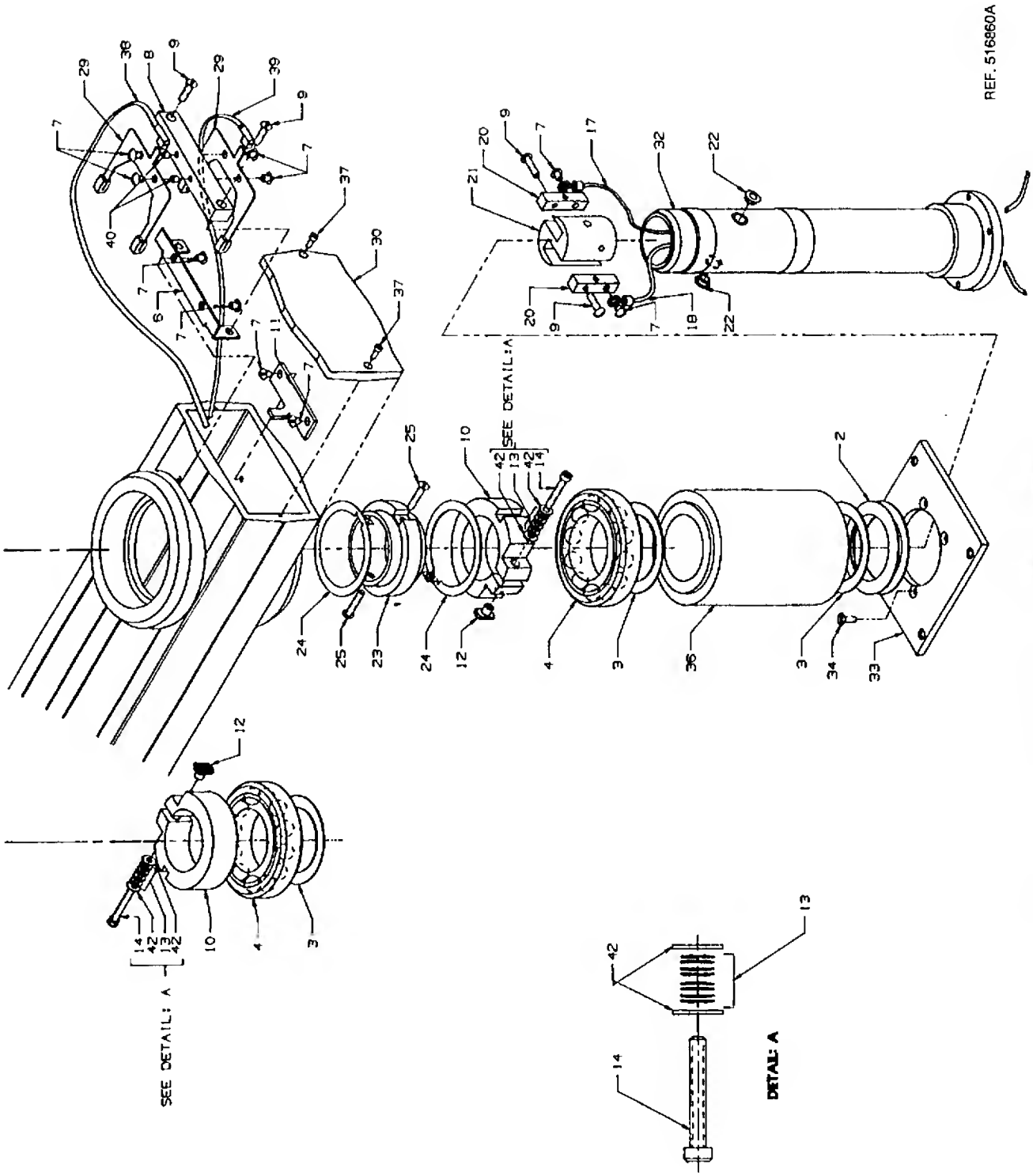


FIGURE 5 - DUAL EXTENSION ARM ASSEMBLY

REF. 516360A

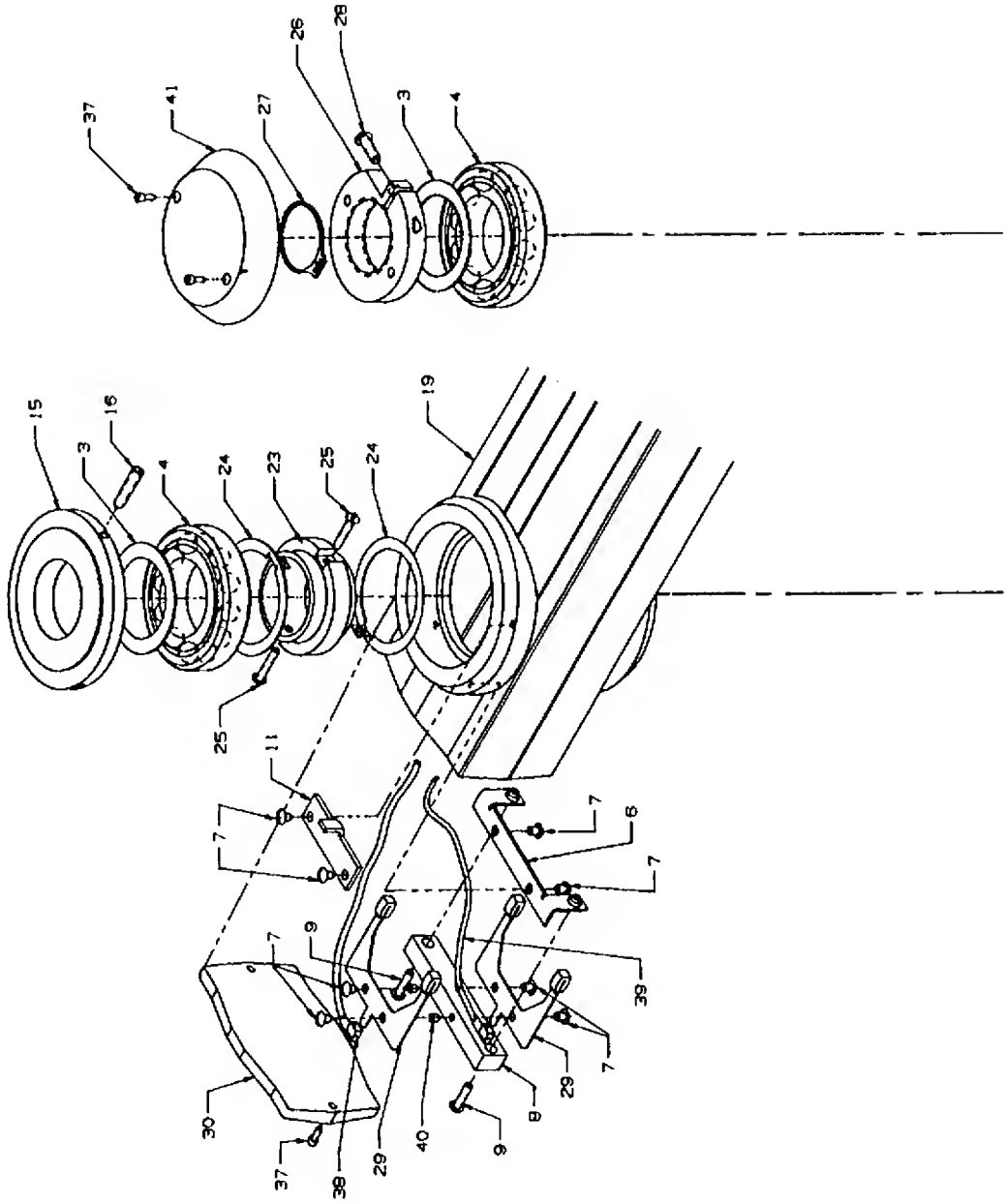


FIGURE 5 - DUAL EXTENSION ARM ASSEMBLY

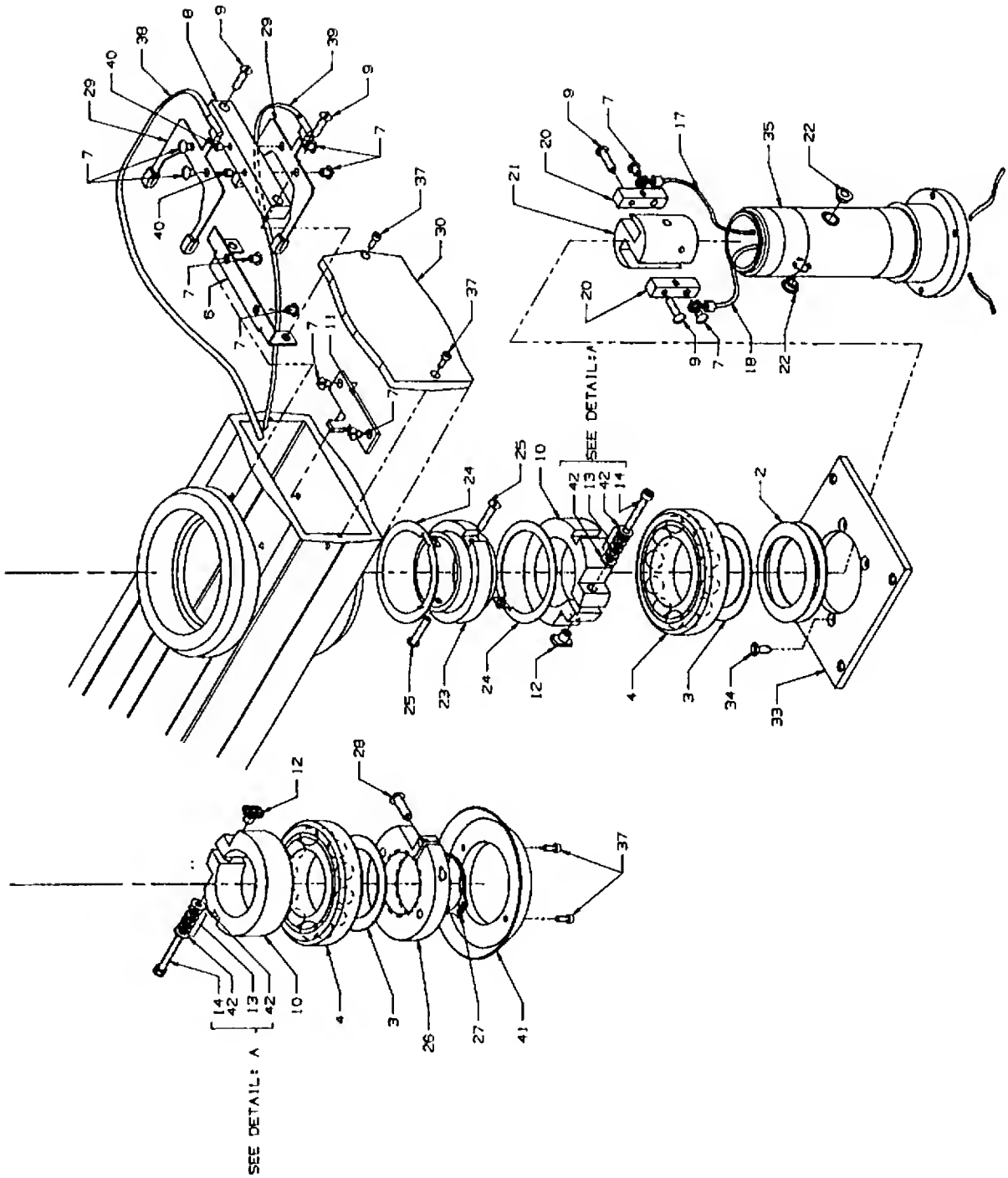


FIGURE 5 - DUAL EXTENSION ARM ASSEMBLY

Dual Extension Arm Assembly - 516860
Refer to Figure 5

ITEM	PART NO.	DESCRIPTION
1	516858	Post, Dual Arm
2	516863	Spring, Disc
3	32738	Race, Thrust Bearing, 2 ID
4	516789	Bearing, Radial Ball
5	516868	Arm, Extension (37-1/2 long)
6	516869	Bracket, Support
7	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
8	516752	Support, Finger Contact
9	E7211	Screw, #10-32 x 3/4 Slotted Pan Head
10	516761	Collar, Brake
11	516758	Bracket, Brake Collar
12	516865	Nut, Weld
13	516795	Spring, Disc
14	E7240	Screw, #10-24 x 1-1/4 Hex Socket Head
15	516760	Spacer, Locking
16	E2105	Screw, 1/4-20 x 1 Cup Point Socket Set (Black Oxide)
17	516871	Wire Assembly, Blue
18	516872	Wire Assembly, Brown
19	516867	Arm, Extension (29-1/2 long)
20	516756	Contactor, Terminal
21	516757	Insulator, Post
22	516753	Sleeve, Insulating
23	516755	Insulator, Contact
24	516754	Ring, Contact
25	E7212	Screw, #10-32 x 1 Slotted Pan Head
26	516759	Collar, Ring
27	516864	Ring, Retaining for 1-3/4 dia Shaft
28	E4656	Screw, 1/4-20 x 3/4 Hex Socket Button Head
29	516819	Contact, Finger
30	516849	Bumper, Arm
31	R0047	Insulation, 1 x 48 Fiberglass (specify length)
32	516815	Post, Counterbalance Support
33	516816	Support, Counterbalance Plate
34	E4636	Screw, #10-32 x 1/2 Phillips Flat Head
35	516814	Post, Counterbalance (3-Source Lighthead)
36	516818	Spacer, Counterbalance Post
37	E6329	Screw, #6-32 x 3/8 Hex Socket Button Head
38	516875	Wire Assembly, Blue
39	516874	Wire Assembly, Brown
40	E7216	Screw, #10-32 x 1/4 Slotted Set
41	516884	Cap, Trim
42	E7101	Washer, #10 Flat
43	517060	Wrench, Field Installation

* Arms are measured from center to center of rotation

NOTES

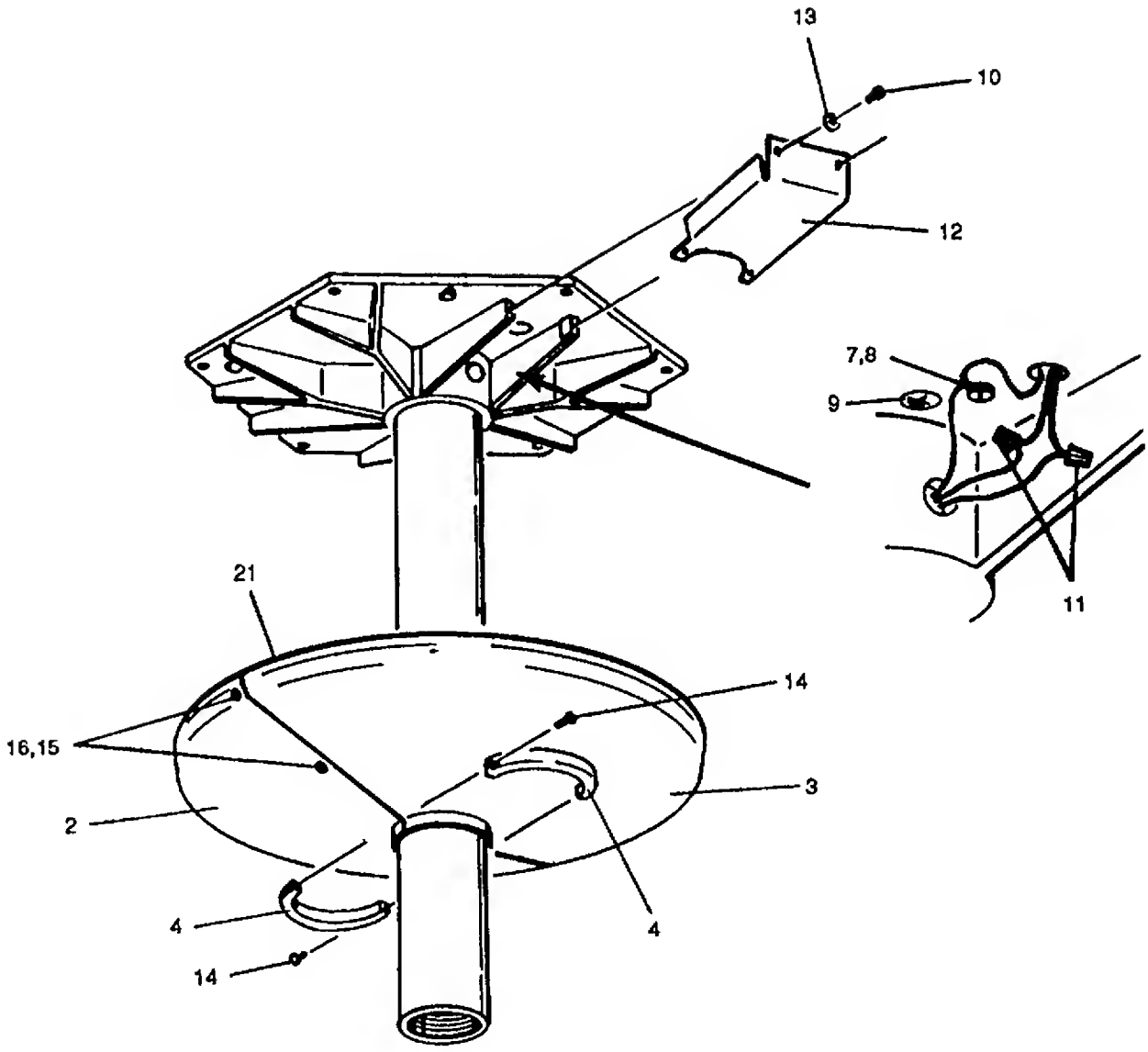


FIGURE 6 - CEILING LIGHT SUSPENSION COMPONENTS

Ceiling Light Suspension Components
Refer to Figure 6

516918	Ceiling Suspension Package —	Single Lighthead (8'-9" to 9'-2" Ceiling) Double Lighthead (9'-2" to 9'-4" Ceiling)
516920	Ceiling Suspension Package —	Single Lighthead (9'-2-1/4" to 9'-5" Ceiling) Double Lighthead (9'-4-1/4" to 9'-7" Ceiling)
516921	Ceiling Suspension Package —	Single Lighthead (9'-5-1/4" to 9'-8" Ceiling) Double Lighthead (9'-7-1/4" to 9'-10" Ceiling)
516922	Ceiling Suspension Package —	Single Lighthead (9'-8-1/4" to 9'-11" Ceiling) Double Lighthead (9'-10-1/4" to 10'-1" Ceiling)
516923	Ceiling Suspension Package —	Single Lighthead (9'-11-1/4" to 10'-2" Ceiling) Double Lighthead (10'-1-1/4" to 10'-4" Ceiling)
516924	Ceiling Suspension Package —	Single Lighthead (10'-2-1/4" to 10'-5" Ceiling) Double Lighthead (10'-4-1/4" to 10'-7" Ceiling)
516925	Ceiling Suspension Package —	Single Lighthead (10'-5-1/4" to 10'-8" Ceiling) Double Lighthead (10'-7-1/4" to 10'-10" Ceiling)
516926	Ceiling Suspension Package —	Single Lighthead (10'-8-1/4" to 10'-11" Ceiling) Double Lighthead (10'-10-1/4" to 11'-1" Ceiling)
516927	Ceiling Suspension Package —	Single Lighthead (10'-11-1/4" to 11'-2" Ceiling) Double Lighthead (11'-1-1/4" to 11'-4" Ceiling)
516928	Ceiling Suspension Package —	Single Lighthead (11'-2-1/4" to 11'-5" Ceiling) Double Lighthead (11'-4-1/4" to 11'-7" Ceiling)
516929	Ceiling Suspension Package —	Single Lighthead (11'-5-1/4" to 11'-8" Ceiling) Double Lighthead (11'- 7-1/4" to 11'-10" Ceiling)
516930	Ceiling Suspension Package —	Single Lighthead (11'-8-1/4" to 11'-11" Ceiling) Double Lighthead (11'-10-1/4" to 12'-1" Ceiling)

ITEM	PART NO.	DESCRIPTION
2	516916	Canopy, Ceiling (Left Side)
3	516915	Canopy, Ceiling (Right Side)
4	517032	Clamp, Canopy
7	E6645	Screw, #10-32 x 3/8 Hex Head Ground
8	61419	Washer, #10 Terminal Cup
9	65723	Label, Ground Identification (Protective Earth)
10	E4941	Screw, #10-32 x 3/8 Phillips Pan Head
11	08172	Nut, Wire (Two #14 Min - Two #10 & One #12 Max)
12	516893	Cover, Ceiling Plate
13	E2044	Washer, #10 Internal Tooth Lock
14	E6329	Screw, #6-32 x 3/8 Hex Socket Button Head
15	516917	Nut, #8-32 Speed
16	21687	Screw, #8-32 x 1/4 Phillips Pan Head
21	516931	Gasket, Canopy
—	517107	Decal, System Identification

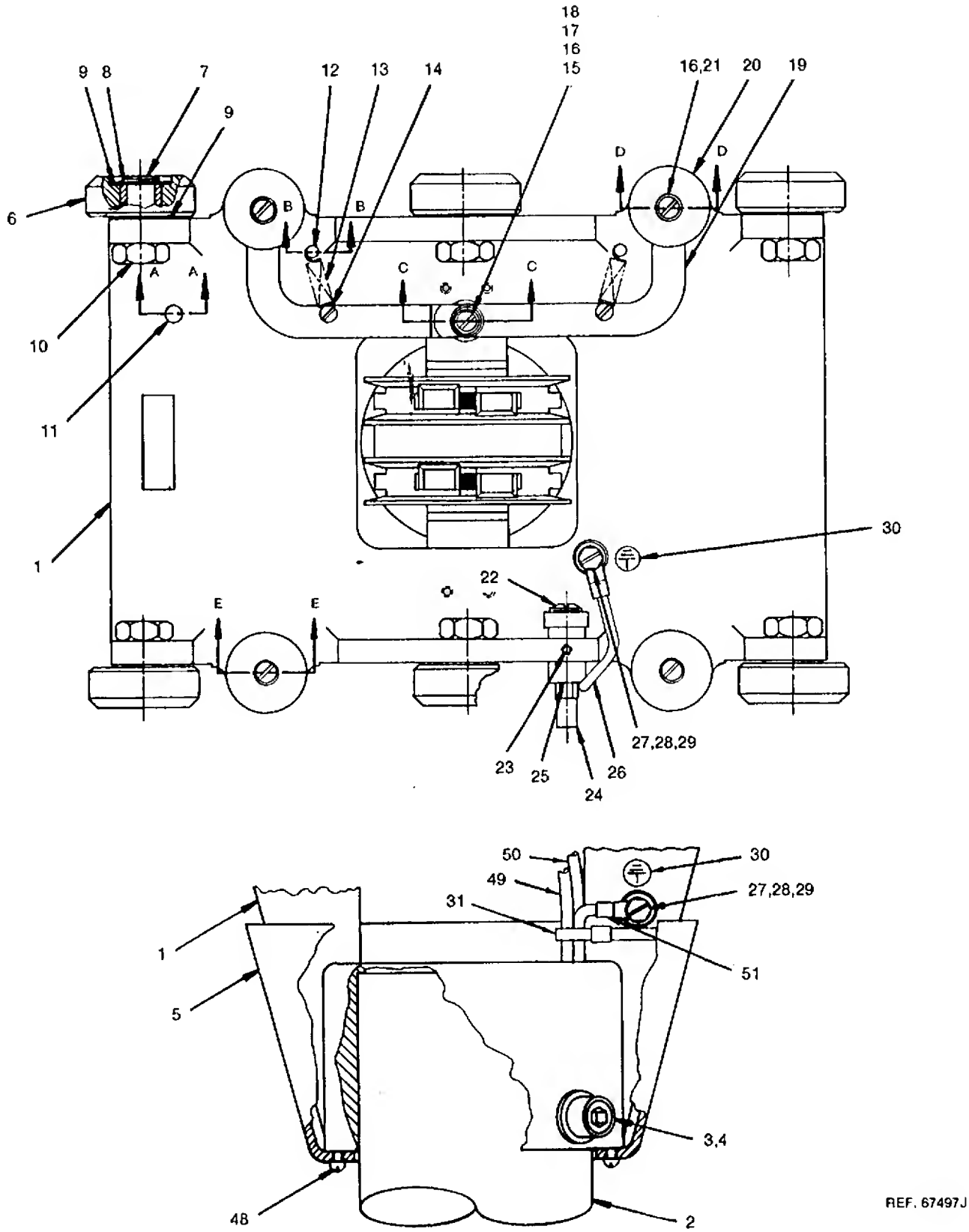
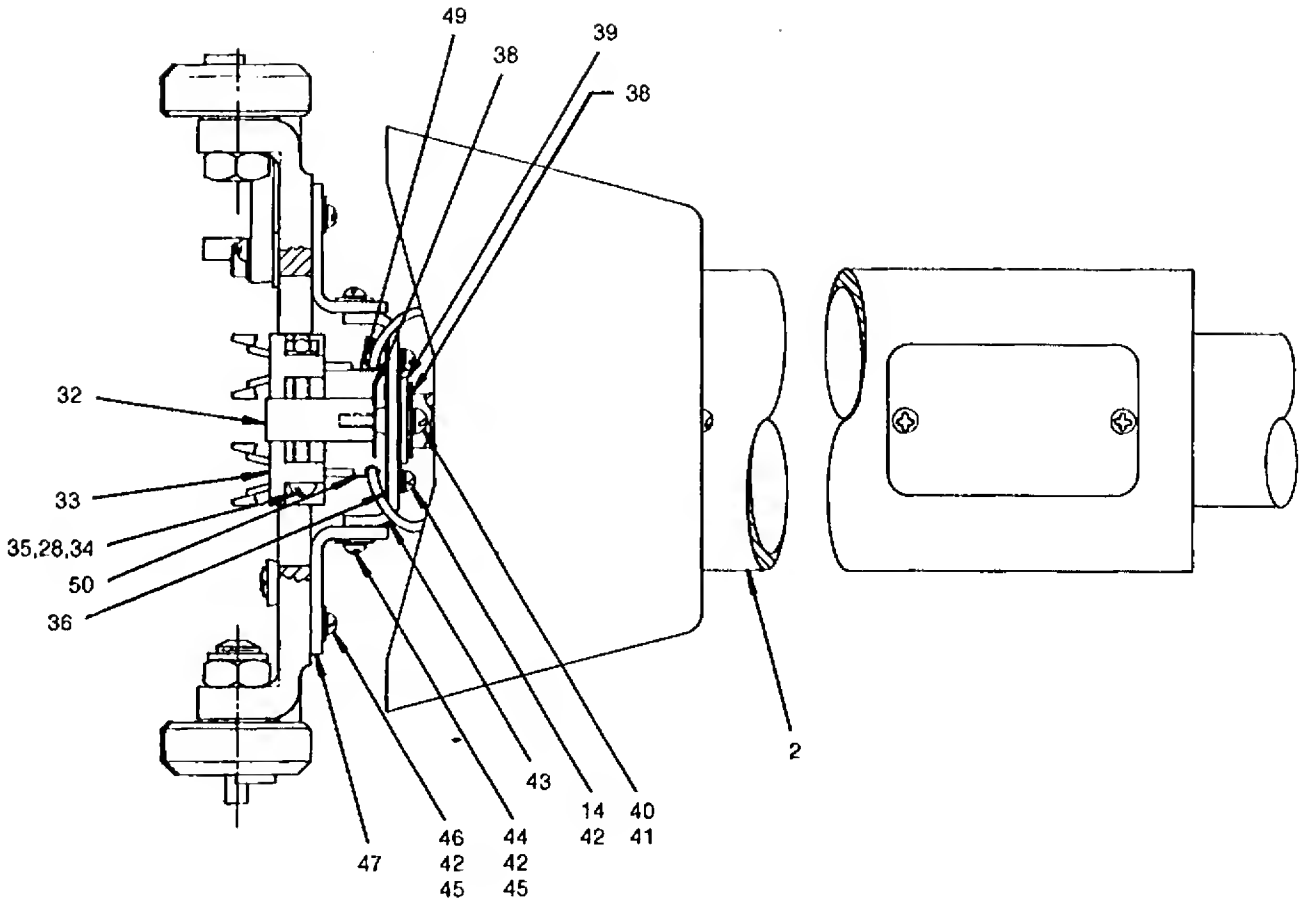
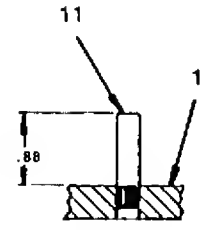
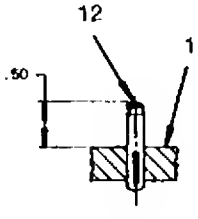


FIGURE 7 - TRACK LIGHT CARRIAGE ASSEMBLY

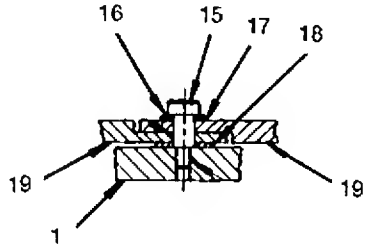




SECTION A-A



SECTION B-B



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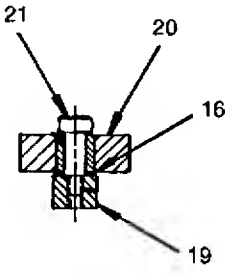

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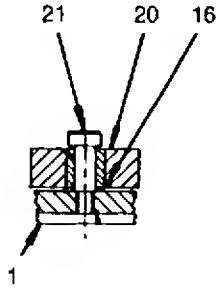


SECTION E-E

REF. 67497J

FIGURE 7 - TRACK LIGHT CARRIAGE ASSEMBLY

Track Light Carriage Assembly — 516964
Refer to Figure 7

ITEM	PART NO.	DESCRIPTION
1	67535	Carriage, Track Light
2	516965	Tube Assembly, Suspension
		• See Figure 8 for listing of parts
3	E6907	Screw, 3/8-16 x 1-1/4 Hex Socket
4	E2205	Nut, 3/8-16 Lock
5	516970	Cover, Carriage
6	21655	Roller Assembly, Carriage
7	21618	Shaft, Carriage
8	21619	Ring, Retaining for 7/16 dia Shaft
9	21526	Washer, 7/16 Flat
10	21665	Nut, 1/2-20 Hex
11	21631	Pin, Knurled End, 1/4 dia x 1-1/8 long
12	E6590	Pin, Groove, 3/16 dia x 1 long
13	46539	Spring, Expansion, 1/4 dia x 7/8 long
14	E0170	Screw, #6-32 x 3/16 Phillips Truss Head
15	46538	Screw, #10-32 x 5/8 Shoulder Pan Head
16	46543	Washer, Special
17	E4796	Washer, 5/16 Spring
18	E6478	Washer, 17/64 ID x 5/8 OD x 1/16 thick Flat
19	46540	Arm, Pivot
20	46537	Wheel Assembly, Carriage
21	46521	Screw, #10-32 x 3/4 Shoulder Pan Head
22	46534	Cap, Brush Holder
23	E6373	Screw, #8-32 x 1/4 Cup Point Socket Set
24	54915	Brush, Electrical Contact
25	46524	Holder, Brush
26	67527	Wire Assembly, Carriage Ground
27	E6645	Screw, #10-32 x 3/8 Hex Head Ground
28	E2044	Washer, #10 Internal Tooth Lock
29	61419	Washer, #10 Terminal Cup
30	65723	Label, Ground Identification (Protective Earth)
31	46020	Tie, Cable
32	56739	Insulator, Collector
33	56738	Collector, Track Light Carriage
34	E5055	Screw, #10-24 x 1-3/4 Round Head
35	E0274	Nut, #10-24 Hex
36	47540	Pad, Insulating
38	46518	Washer, Snubbing
39	46517	Mount, Shock
40	E5033	Screw, #8-32 x 7/8 Phillips Pan Head
41	E6312	Washer, #8 External Tooth Lock
42	E2043	Washer, #6 Internal Tooth Lock

Track Light Carriage Assembly — 516964
Refer to Figure 7

ITEM	PART NO.	DESCRIPTION
43	46512	Bracket, Support
44	E5013	Screw, #6-32 x 3/8 Phillips Pan Head
45	E0131	Washer, #6 Flat
46	E5015	Screw, #6-32 x 1/2 Phillips Pan Head
47	67529	Bracket, Support Mounting
48	E6339	Screw, #6-32 x 1/4 Socket Button Head
49	67530	Wire Assembly, Brown
50	67531	Wire Assembly, Blue
51	67532	Wire Assembly, Green/Yellow

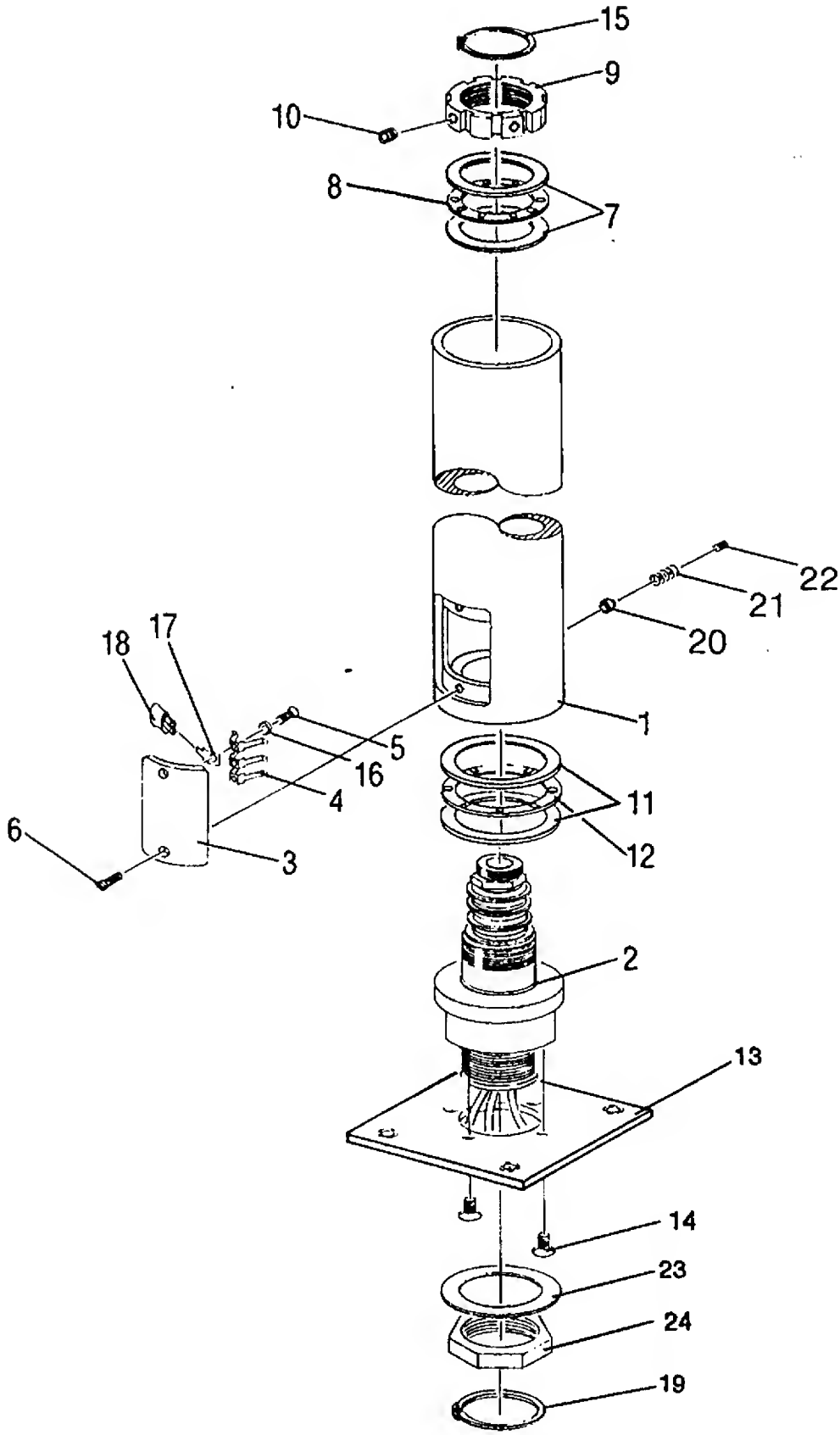
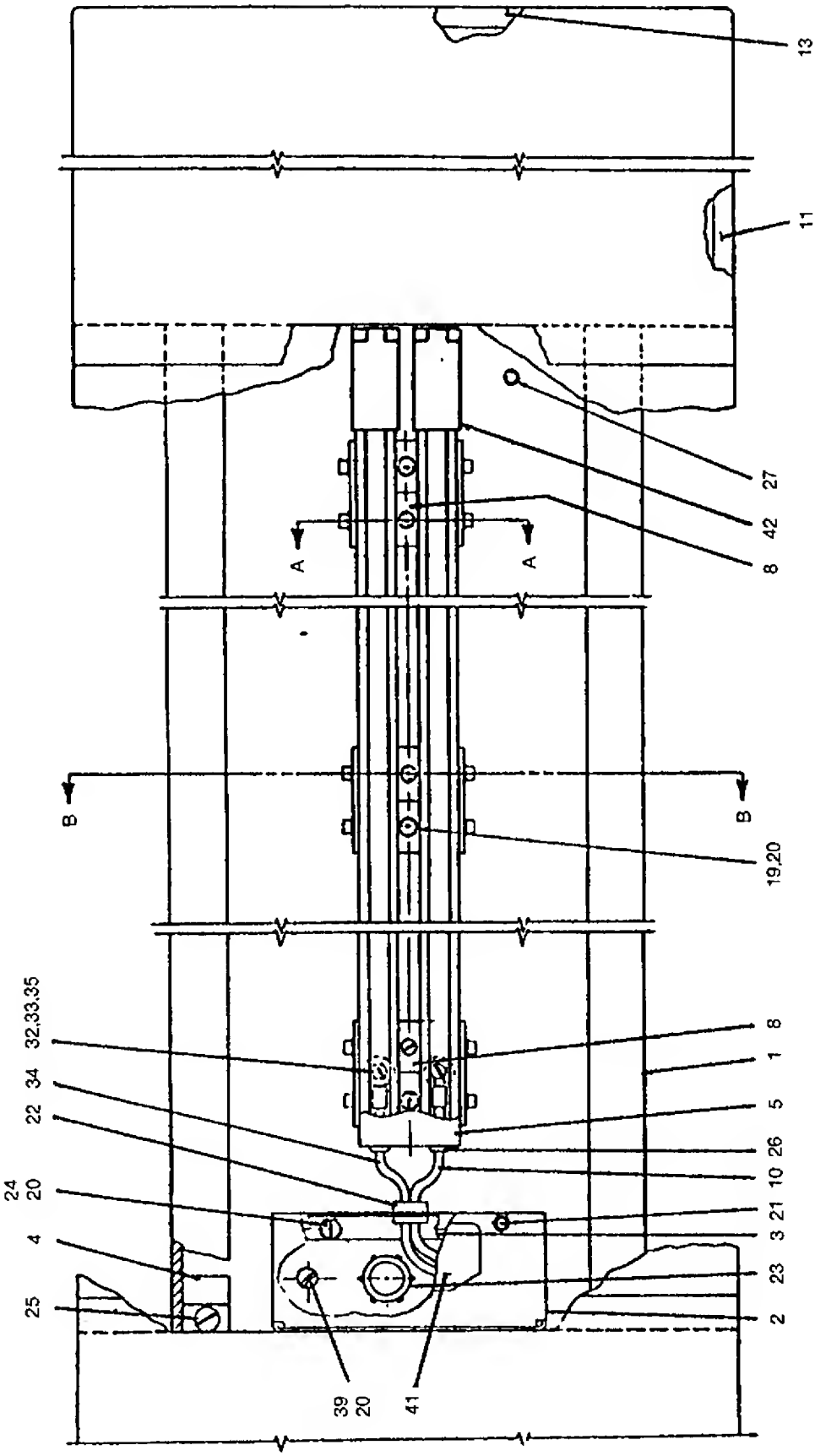


FIGURE 8 - TRACK LIGHT SUSPENSION TUBE ASSEMBLY

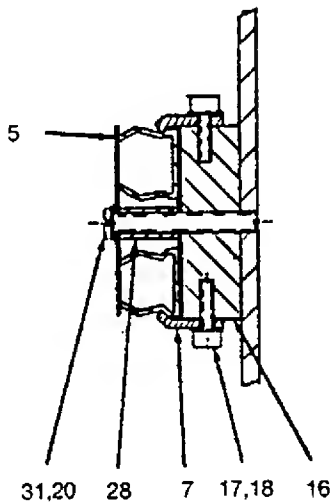
Track Light Suspension Tube Assembly — 516965
Refer to Figure 8

ITEM	PART NO.	DESCRIPTION
1	516967	Tube Assembly, Track Light Suspension
2	516966	Collector Assembly, Track Light
3	516968	Block, Brush Mounting
4	67406	Brush, Slip Ring Contact
5	E5011	Screw, #6-32 x 5/16 Round Head (Brass)
6	E4625	Screw, #6-32 x 5/16 Phillips Oval Head
7	67510	Race, Thrust Bearing, 2 ID
8	32737	Bearing, Thrust 2 ID
9	67417	Nut, Swivel Adjustment
10	E6881	Screw, 1/4-20 Brass Gib Socket Set
11	67508	Race, Thrust Bearing, 2-1/2 ID
12	67509	Bearing, Thrust, 2-1/2 ID
13	516960	Plate, Lighthead Support
14	E4842	Screw, 1/4-20 x 3/4 Phillips Flat Head
15	E6902	Ring, External Retaining for 1-7/8 dia Shaft
16	E6282	Washer, #6 Internal Tooth Lock
17	67542	Terminal, 1/4 Tab
18	60594	Terminal, 1/4 Female (#14 - #12 Wire)
19	516808	Ring, External Retaining for 1-1/4 dia Shaft
20	67520	Plug, Friction, 7/32 dia x 7/32 long
21	67562	Spring, Compression, 1/4 dia x 3/8 long
22	68343	Screw, 5/16-18 x 3/16 Special Socket Set
23	21539	Washer, Thrust, 1-1/4 ID x 1-15/16 OD x 1/16 thick
24	65739	Nut, 1-1/4-18 Special



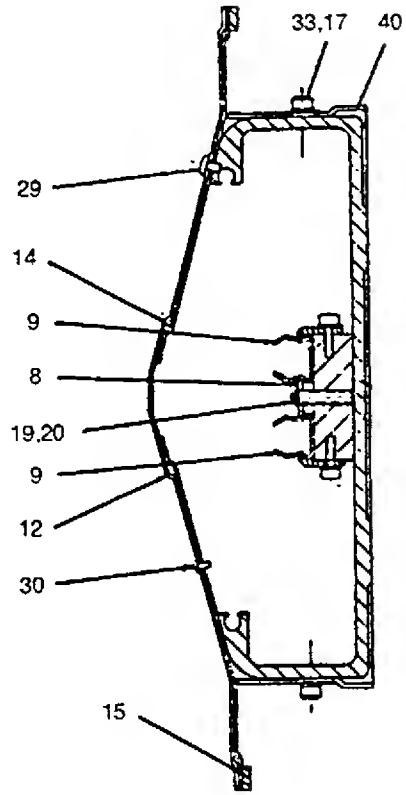
REF. 46812N

FIGURE 9a - RECESS MOUNTED TRACK ASSEMBLY



SECTION A-A

(Both Ends)



SECTION B-B

REF. 46812N

FIGURE 9a - RECESS MOUNTED TRACK ASSEMBLY

Recess Mounted Track Assembly - Refer to Figure 9a

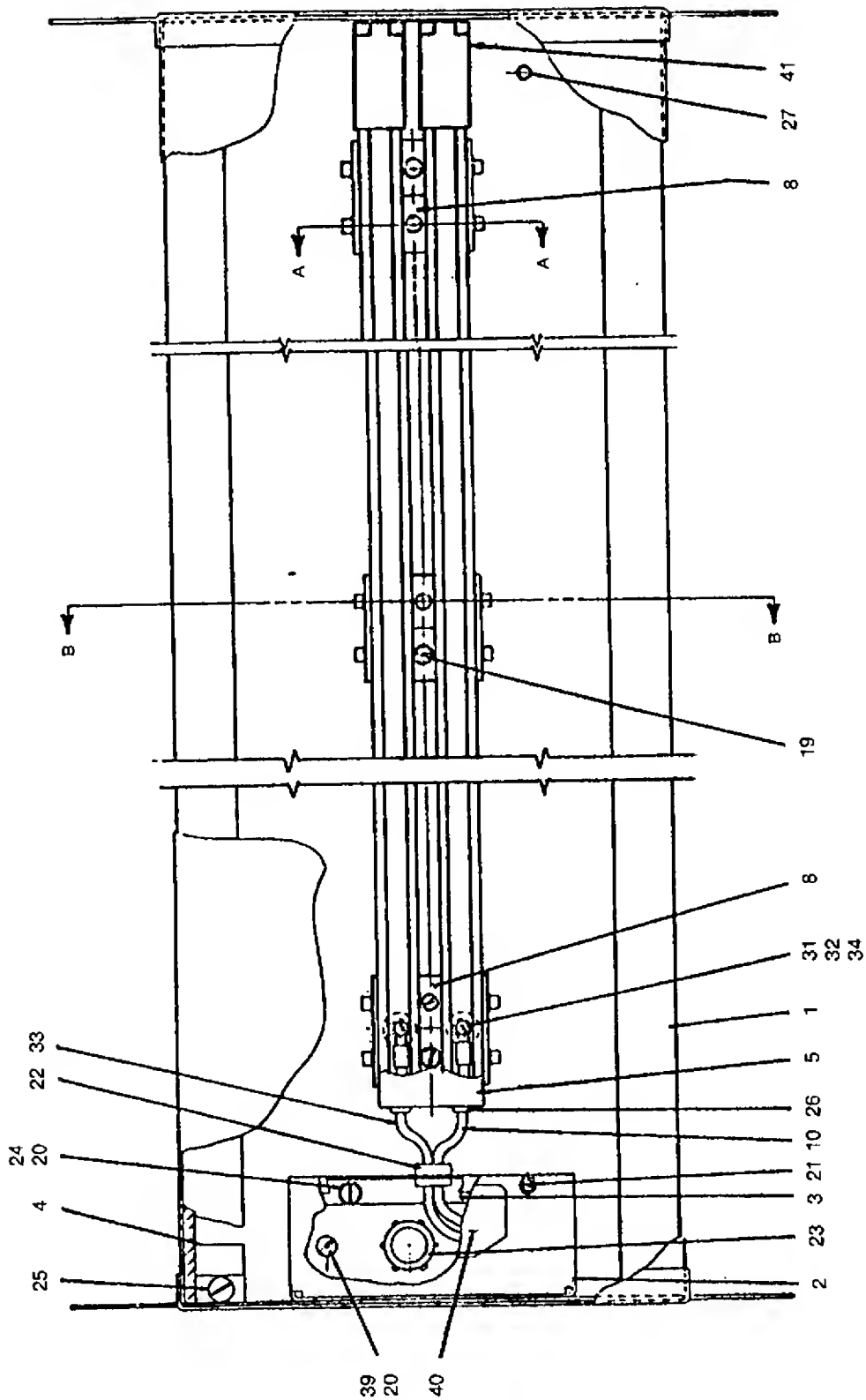
517100 Recess Mounted Track — 9 feet (without Junction Box)
516977 Recess Mounted Track — 9 feet (with Junction Box)
516981 Recess Mounted Track — 4-1/2 feet (with Junction Box)

ITEM	PART NO.	DESCRIPTION
1	46555	Track, 9 feet long
	46554	Track, 4-1/2 feet long
2	46546	Cover, Junction Box
3	46547	End, Junction Box
4	21529	Stop, Carriage
5	46548	Cover, Conductor Bar (Power End)
7	46529	Clamp, Conductor Bar
8	46531	Spacer, Conductor Bar
9	47416	Bar, Conductor (9 ft Track with Junction Box)
	47417	Bar, Conductor (4-1/2 ft Track with Junction Box)
	46801	Bar, Conductor (9 ft Track without Junction Box)
10	517008	Wire Assembly, Blue
11	22318	Strip, Track End Cover (12-3/4 long)
12	516978	Cover, Track End
13	22319	Strip, Track End Cover (11-3/8 long)
14	516979	Cover, Recess Mounted Track (9 ft Track)
	516982	Cover, Recess Mounted Track (4-1/2 ft Track)
15	22317	Strip, Cover (9 ft Track)
	43728	Strip, Cover (4-1/2 ft Track)
16	46528	Support, Conductor Bar
17	E6255	Screw, #8-32 x 3/8 Hex Socket Head
18	E6312	Washer, #8 External Tooth Lock
19	E6596	Screw, #10-32 x 3/4 Phillips Pan Head
20	E6198	Washer, #10 External Tooth Lock
21	E6385	Screw, #6-32 x 5/16 Washer Head
22	B2177	Bushing, Cable for 5/8 dia Hole
23	03147	Fitting, Conduit Straight, 1/2 dia
24	E4941	Screw, #10-32 x 3/8 Phillips Pan Head
25	21643	Screw, 1/4-20 x 1/4 Phillips Pan Head
26	46551	Grommet, 5/32 ID x 3/8 OD for 1/4 dia Hole
27	21631	Pin, Knurled End, 1/4 dia x 1-1/8 long
28	46527	Spacer, Plastic, 5/8 long
29	21685	Screw, #8-32 x 1/4 Phillips Truss Head
30	E0225	Screw, #8 x 1/4 Self-Tapping Round Head (Chrome)
31	E0084	Screw, #10-32 x 1-1/2 Phillips Pan Head
32	E5025	Screw, #8-32 x 5/16 Phillips Pan Head
33	E2041	Washer, #8 Internal Tooth Lock
34	517009	Wire Assembly, Brown
35	E0253	Nut, #8-32 Hex
39	E6645	Screw, #10-32 x 3/8 Hex Head Ground
40	516980	Cover, Track End
41	301696	Nameplate, Rating
42	58728	Cap, Conductor Bar End
—	517108	Decal, System Identification

Recess Mounted Track Assembly — Refer to Figure 9a

Additional Parts Required for Mounting Track

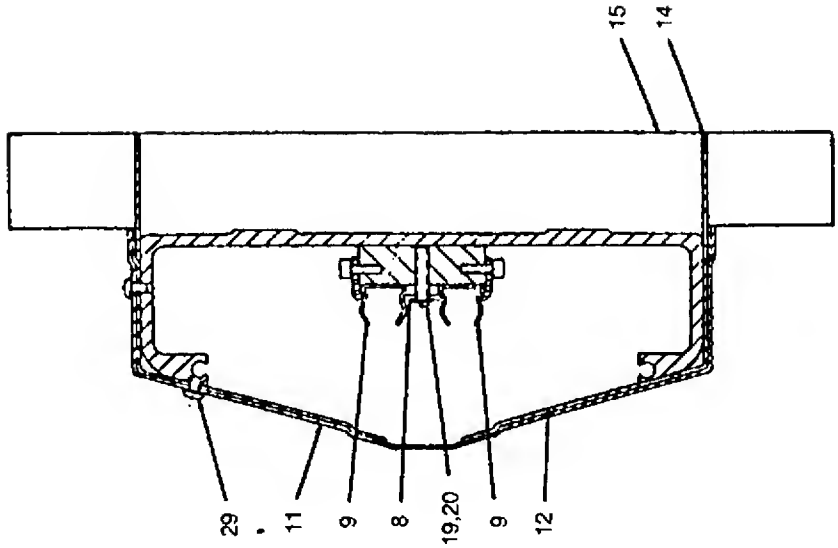
21608	Plate, Track Anchor
E5376	Nut, 1/2-20 Hex Jam



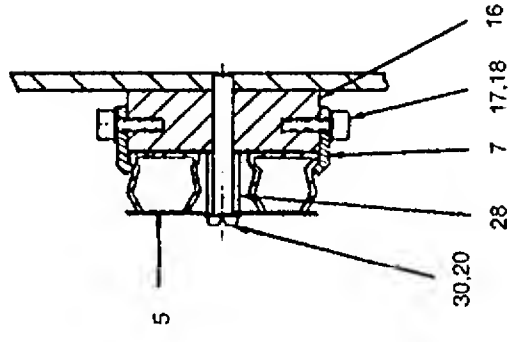
REF. 46813M

FIGURE 9b - SURFACE MOUNTED TRACK ASSEMBLY

REF. 46813M



SECTION B-B



SECTION A-A
(Both Ends)

FIGURE 9b - SURFACE MOUNTED TRACK ASSEMBLY

Surface Mounted Track Assembly — Refer to Figure 9b

517099 Surface Mounted Track — 9 feet (without Junction Box)
516972 Surface Mounted Track — 9 feet (with Junction Box)
516976 Surface Mounted Track — 4-1/2 feet (with Junction Box)

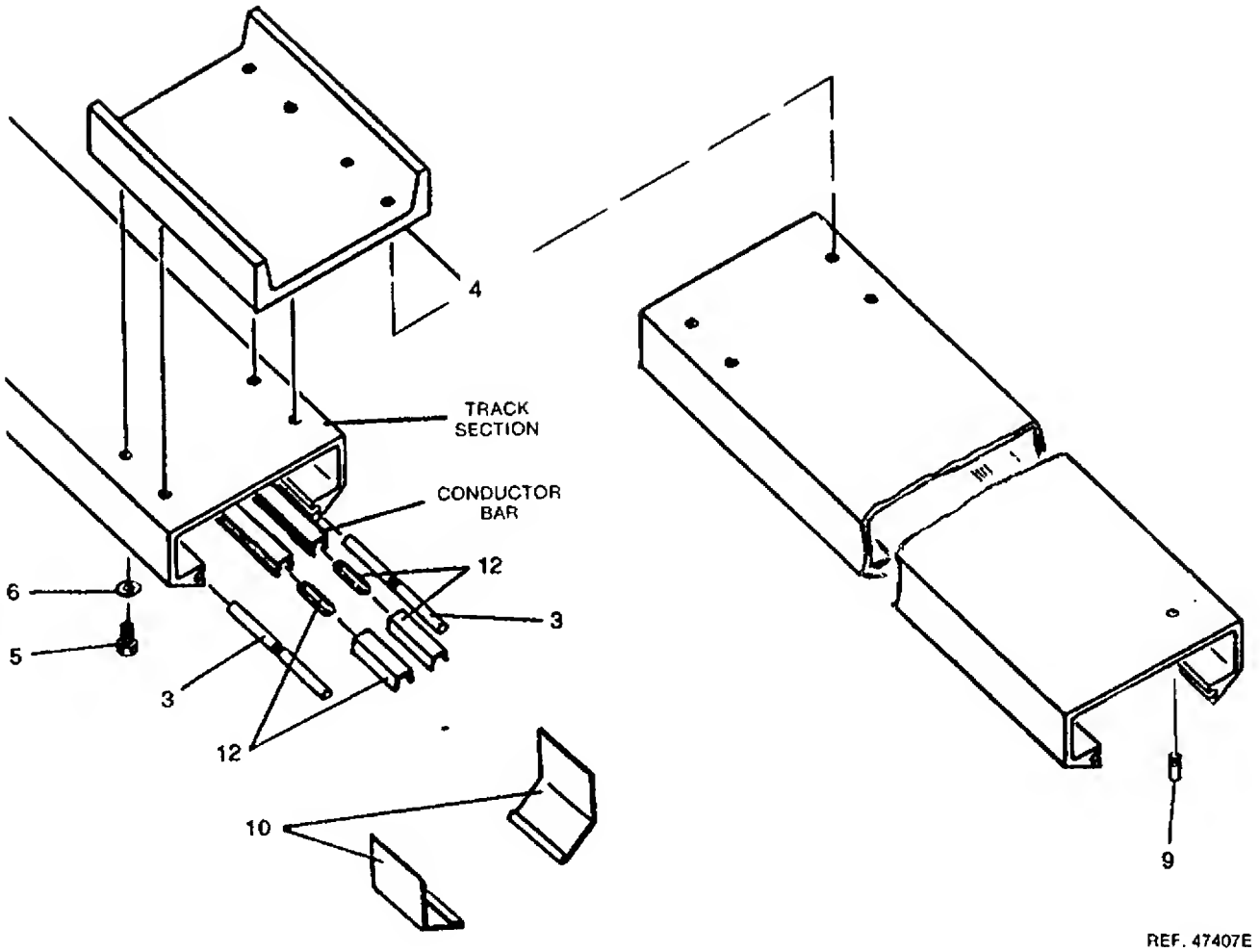
ITEM	PART NO.	DESCRIPTION
1	46555	Track, 9 feet long
	46554	Track, 4-1/2 feet long
2	46546	Cover, Junction Box
3	46547	End, Junction Box
4	21529	Stop, Carriage
5	46548	Cover, Conductor Bar (Power End)
7	46529	Clamp, Conductor Bar
8	46531	Spacer, Conductor Bar
9	47416	Bar, Conductor (9 ft Track with Junction Box)
	47417	Bar, Conductor (4-1/2 ft Track with Junction Box)
	46801	Bar, Conductor (9 ft Track without Junction Box)
10	517008	Wire Assembly, Blue
11	516973	Cover, Track End
12	516974	Cover, Surface Mounted Track (9 ft Track)
	516975	Cover, Surface Mounted Track (4-1/2 ft Track)
14	21598	Cover, Ceiling Trim (108 long)
15	21755	Cover, Ceiling Trim (13 long)
16	46528	Support, Conductor Bar
17	E6255	Screw, #8-32 x 3/8 Hex Socket Head
18	E6312	Washer, #8 External Tooth Lock
19	E6596	Screw, #10-32 x 3/4 Phillips Pan Head
20	E6198	Washer, #10 External Tooth Lock
21	E6385	Screw, #6-32 x 5/16 Washer Head
22	N2177	Bushing, Cable for 5/8 dia Hole
23	03147	Fitting, Conduit Straight, 1/2 dia
24	E4941	Screw, #10-32 x 3/8 Phillips Pan Head
25	21643	Screw, 1/4-20 x 1/4 Phillips Pan Head
26	46551	Grommet, 5/32 ID x 3/8 OD for 1/4 dia Hole
27	21631	Pin, Knurled End, 1/4 dia x 1-1/8 long
28	46527	Spacer, Plastic, 5/8 long
29	21685	Screw, #8-32 x 1/4 Phillips Truss Head
30	E0084	Screw, #10-32 x 1-1/2 Phillips Pan Head
31	E5025	Screw, #8-32 x 5/16 Phillips Pan Head
32	E2041	Washer, #8 Internal Tooth Lock
33	517009	Wire Assembly, Brown
34	E2053	Nut, #8-32 Hex
39	E6645	Screw, #10-32 x 3/8 Hex Head Ground
40	301696	Nameplate, Rating
41	58728	Cap, Conductor Bar End
—	517108	Decal, System Identification

Surface Mounted Track Assembly — Refer to Figure 9b

Additional Parts Required for Mounting Track

21608	Plate, Track Anchor
E5376	Nut, 1/2-20 Hex Jam

NOTES



REF. 47407E

Track Splicer Package — Refer to Figure 10

517101 Surface Mounted Track Splicer Package
517102 Recess Mounted Track Splicer Package

ITEM	PART NO.	DESCRIPTION
3	46792	Rod, Track Splice, 1/4 dia x 12 long
4	46791	Plate, Track Splicer
5	E0215	Screw, 1/4-20 x 3/4 Hex Head
6	E5413	Washer, 1/4 Helical Spring Lock
9	21631	Pin, Knurled End, 1/4 dia x 1-1/8 long
10	517104	Cover, Splice Joint (Surface Mounted Track)
	517105	Cover, Splice Joint (Recess Mounted Track)
12	58729	Joint Clip Package

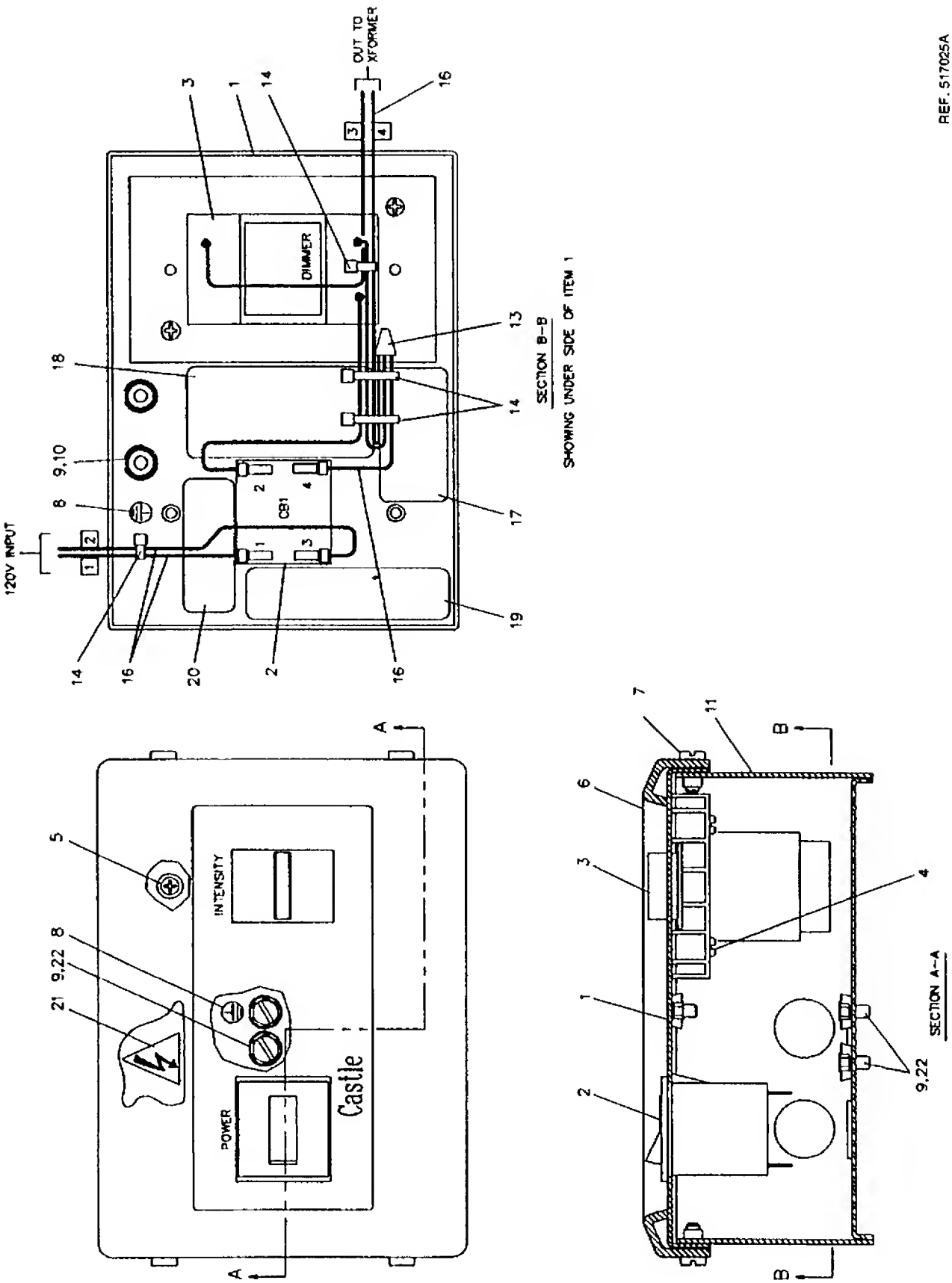


FIGURE 11a - SURGICAL LIGHT INTENSITY CONTROL (Domestic)

Surgical Light Intensity Control Assembly (Domestic)
Refer to Figure 11a

517025 Surgical Light Intensity Control Assembly (Surface Mounted)
517026 Surgical Light Intensity Control Assembly (Recess Mounted)

ITEM	PART NO.	DESCRIPTION
1	517020	Cover, Intensity Control (Domestic)
2	69997	Circuit Breaker, 7-1/2 Amp
3	517022	Dimmer, Incandescent
4	E7185	Screw, #6-32 x 3/4 Phillips Pan Head
5	E5017	Screw, #6-32 x 1 Phillips Pan Head
6	517023	Trim, Cover
7	E4941	Screw, #10-32 x 3/8 Phillips Pan Head
8	65723	Label, Ground Identification (Protective Earth)
9	61419	Washer, #10 Terminal Cup
10	E5234	Nut, #10-32 Hex (Brass)
11	517024	Box, Intensity Control (Surface Mounted)
—	517053	Decal, Intensity Control
13	B0105	Nut, Wire (Two #18 Min - Two #16 Max)
14	33511	Tie, Cable
15	68507	Terminal, 1/4 Female Flag (#18 - #12 Wire)
16	517065	Wire Harness, Intensity Control (Domestic)
17	511600009	Label, ETL
18	301697	Recess Plate, Rating
	301698	Surface Plate, Rating
19	60667	Label, Use Copper Conductors
20	57029	Label, CSA Class Risk
21	517067	Label, Warning
22	E6645	Screw, #10-32 x 3/8 Hex Head Ground

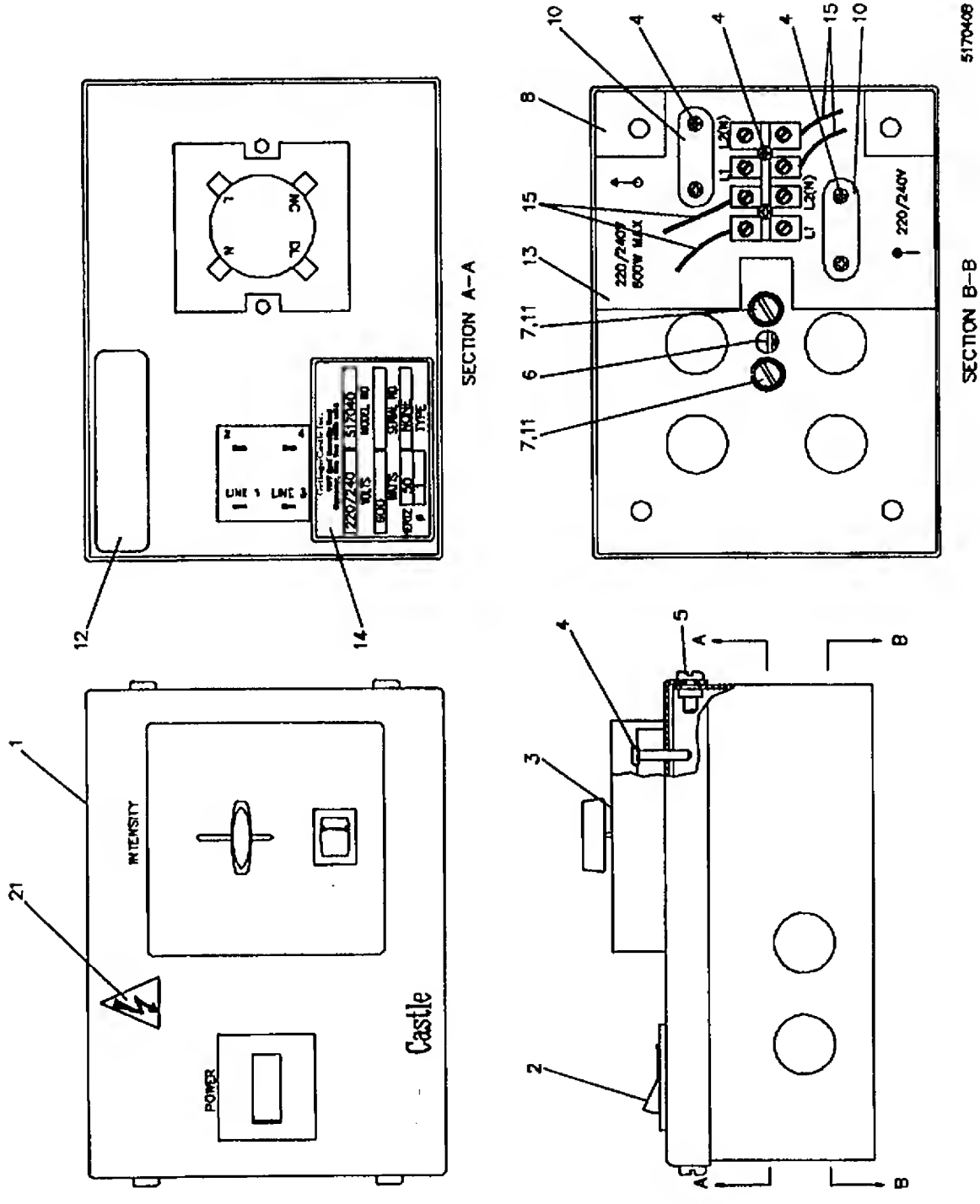


FIGURE 11b - SURGICAL LIGHT INTENSITY CONTROL (International)

Surgical Light Intensity Control Assembly (International) — 517040
Refer to Figure 11b

ITEM	PART NO.	DESCRIPTION
1	517039	Cover, Intensity Control (International)
2	68299	Circuit Breaker, 5 Amp
3	517041	Dimmer, Low Voltage
4	E7185	Screw, #6-32 x 3/4 Phillips Pan Head
5	E4941	Screw, #10-32 x 3/8 Phillips Pan Head
6	65723	Label, Ground Identification (Protective Earth)
7	61419	Washer, #10 Terminal Cup
8	517042	Box, Intensity Control (International)
9	511481	Block, Terminal (4 Connector)
10	516998	Clamp, Large
11	E6645	Screw, #10-32 x 3/8 Hex Head Ground
12	60667	Label, Use Copper Conductors
13	517086	Insulation, Terminal Block
14	301692	Plate, Rating
15	517116	Harness, Intensity Control
21	517067	Label, Warning
—	517053	Decal, Intensity Control

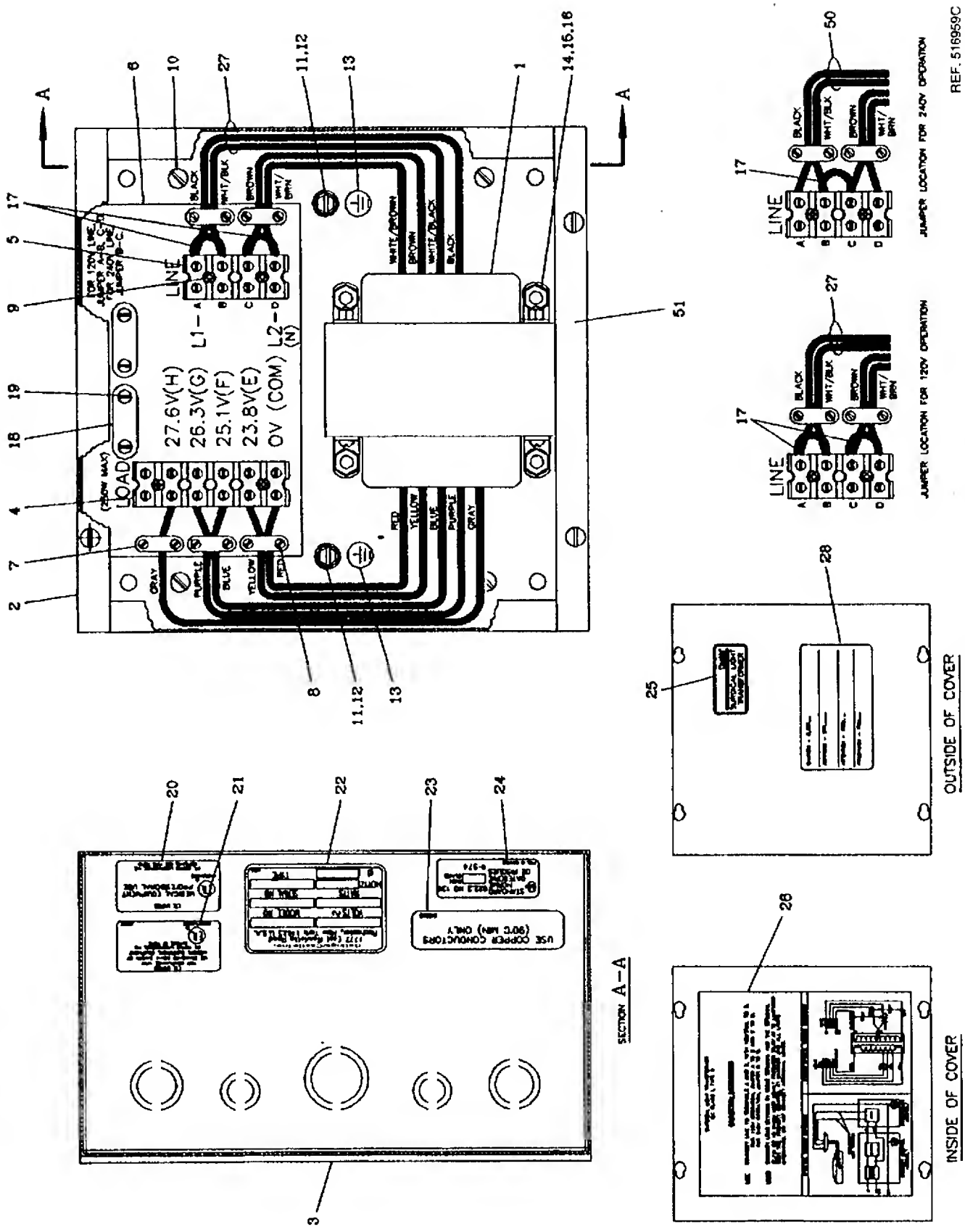


FIGURE 12 - TRANSFORMER PACKAGE

Transformer Package
Refer to Figure 12

516950 Transformer Package, 120V/24V (250VA)
516951 Transformer Package, 120V/24V (500VA)
516750 Transformer Package, 240V/24V (250VA)
516749 Transformer Package, 240V/24V (500VA)

ITEM	PART NO.	DESCRIPTION
1	516933	Transformer, 120V–240V/24V (250VA)
	516934	Transformer, 120V–240V/24V (500VA)
2	516932	Box, Transformer
3	516938	Plate, Transformer Box Reinforcing
4	86592	Strip, Terminal (6 Conductor)
5	86707	Block, Terminal
6	516948	Insulation, Terminal Block (250V)
	516949	Insulation, Terminal Block (500V)
7	67949	Clamp, Small
8	E0013	Screw, #4-40 x 1/2 Phillips Pan Head
9	910196200	Screw, #4-40 x 7/8 Round Head
10	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
11	E6645	Screw, #10-32 x 3/8 Hex Head Ground
12	61419	Washer, #10 Terminal Cup
13	65723	Label, Ground Identification (Protective Earth)
14	E6817	Screw, #10-32 x 5/8 Phillips Flat Head
	E6584	Screw, 1/4-20 x 3/4 Slotted Flat Head
15	E7006	Washer, #10 ID x 7/16 OD x 3/64 thick Flat
	E2177	Washer, 1/4 ID x 1/2 OD x 1/16 thick Flat
16	E0149	Nut, #10-32 Hex
	E5186	Nut, 1/4-20 Hex
17	R3263	Wire, #18 AWG Stranded, Brown (specify length)
18	516998	Clamp, Large
19	E5015	Screw, #6-32 x 1/2 Phillips Pan Head
20	5116100009	Label, ETL
21	5116100181	Label, ETL-IEC
22	301693	(250W) Plate, Rating
	301694	(500W) Plate, Rating
23	516995	Label, Use Copper Conductors
24	57029	Label, CSA Class Risk
25	517012	Plate, Surgical Light Transformer
26	516997	Label, Connection Instructions
27	517013	Tag, Caution
28	64116	Decal, Shock Hazard

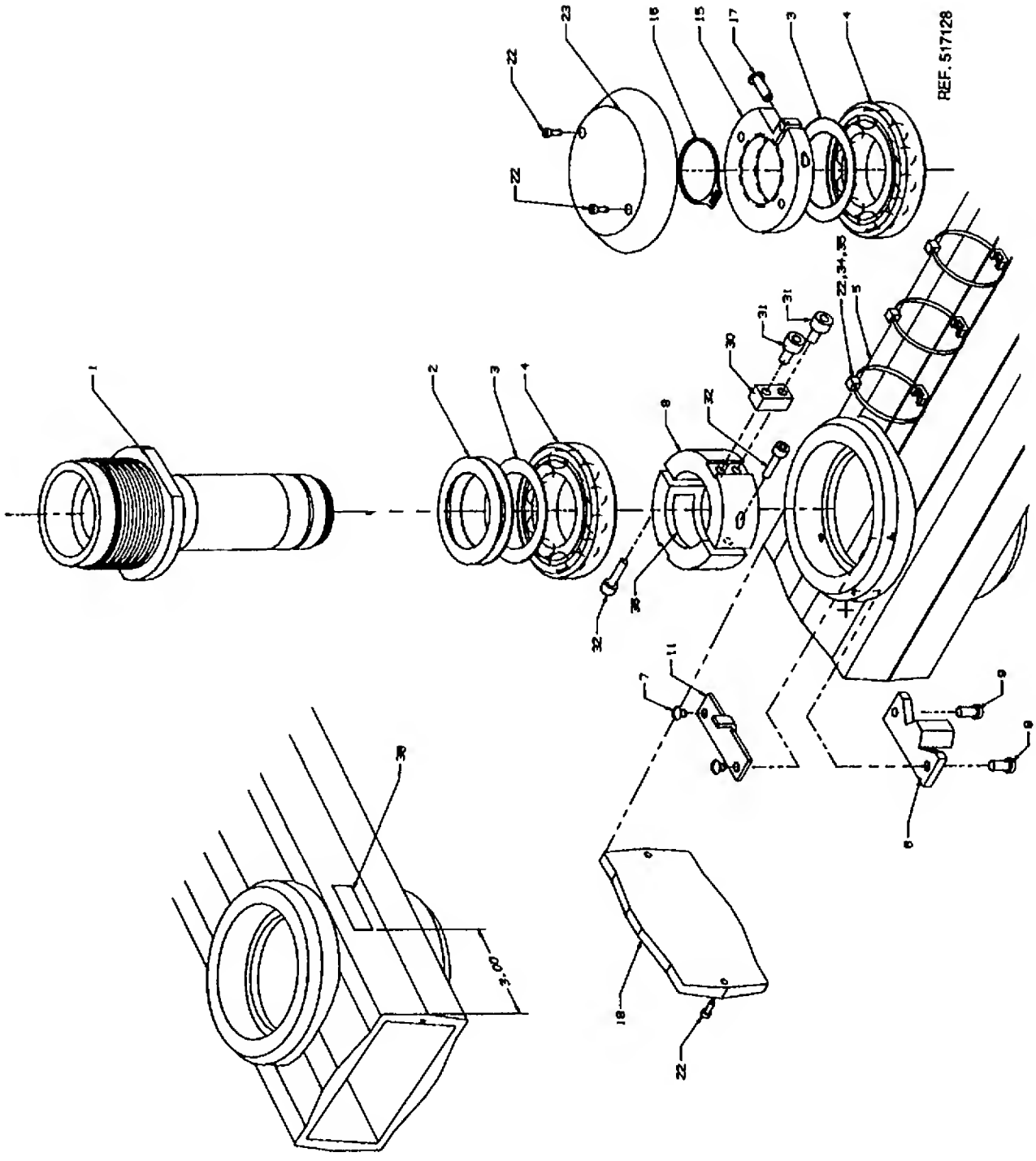


FIGURE 13 - ACCESSORY ARM ASSEMBLY

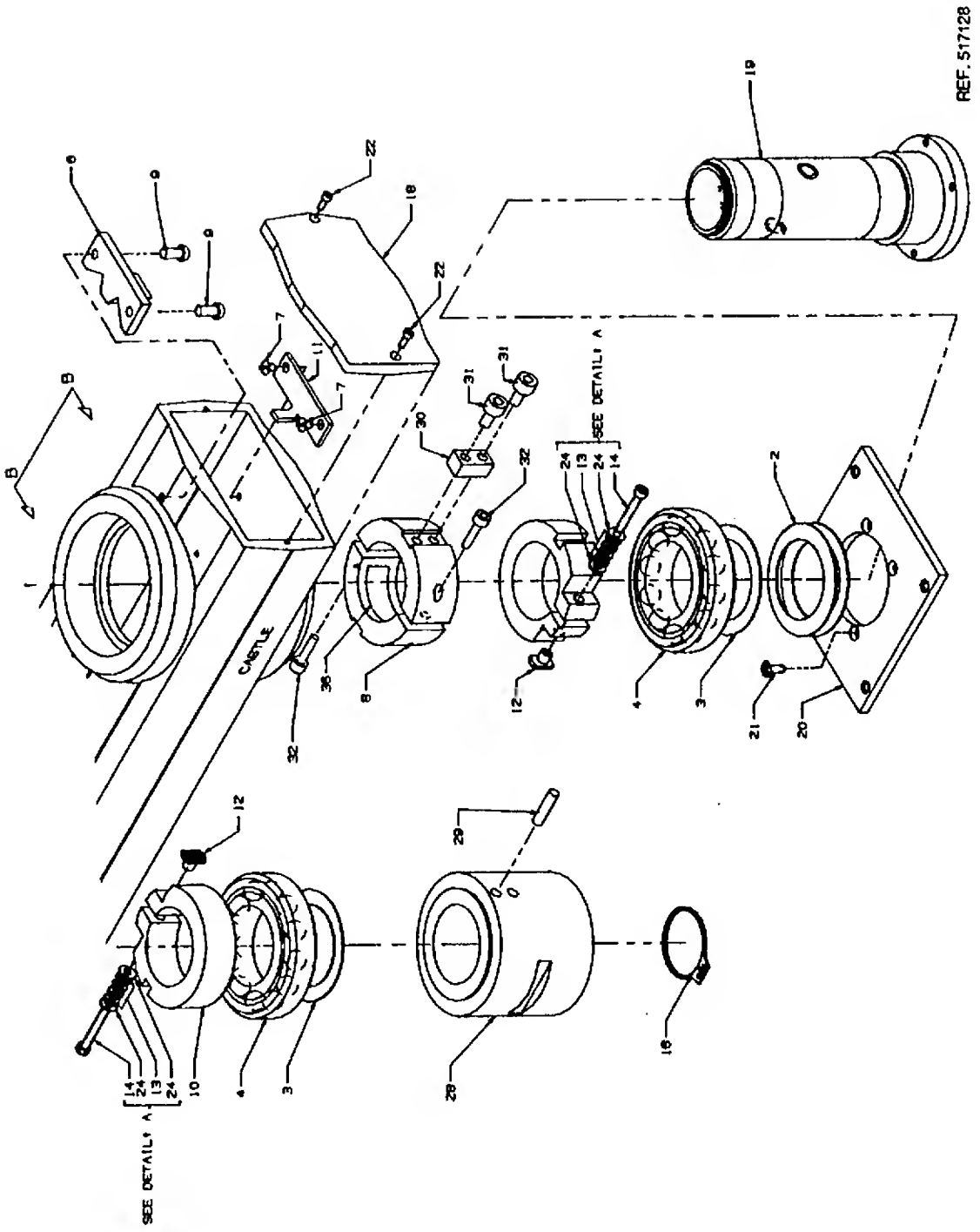


FIGURE 13 - ACCESSORY ARM ASSEMBLY

Accessory Arm Assembly — 517128
Refer to Figure 13

ITEM	PART NO.	DESCRIPTION
1	517133	Post, Accessory Arm
2	516863	Spring, Disc
3	32738	Race, Thrust
4	516789	Bearing, Radial Ball
5	517135	Arm, Accessory
6	517129	Bracket, Stop Collar
7	E7210	Screw, #10-32 x 1/4 Slotted Pan Head
8	517130	Collar, Stop
9	E5246	Screw, #10-32 x 1/2 Hex Socket Head
10	516761	Collar, Brake
11	516758	Bracket, Brake Collar
12	516865	Nut, Weld
13	516795	Spring, Disc
14	E7240	Screw, #10-24 x 1-1/4 Hex Socket Head
15	516759	Collar, Locking
16	516864	Ring, 1-3/4 dia Retainer
17	E4656	Screw, 1/4-20 x 3/4 Button Head
18	516849	Bumper, Arm
19	516815	Post, Counterbalance Support
20	516816	Plate, Counterbalance Support
21	E4636	Screw, #10-32 x 1/2 Phillips Flat Head
22	E6329	Screw, #6-32 x 3/8 Button Head
23	516884	Cap, Trim
24	E7101	Washer, 3/16 Flat
28	517131	Adapter, Threaded
29	E6958	Pin, 1/4 dia x 1 Grooved
30	517132	Block, Stop Collar
31	E5085	Screw, 1/4-20 x 1/2 Hex Socket Head
32	E5398	Screw, #10-32 x 3/4 Hex Socket Head
34	45943	Tie, Cable
35	86575	Mount, #10 Screw Mounting Tie
36	517137	Sleeve, Collar
38	517138	Label, Maximum Load Caution

Recommended Spare Parts List

It is recommended that the parts listed below be maintained in stock to ensure parts are immediatelyavailable when needed.

QTY	PART NO.	DESCRIPTION
4	516767	Bulb, Tungsten Halogen (24V–60W)
4	65065	Clip, Heat Filter Retaining
3	516912	Handle, Sterilizable
3	65064	Spring, Heat Filter Retaining
3	65032	Hook, Baffle Retaining
2	516768	Cylinder, Glass Heat Filter